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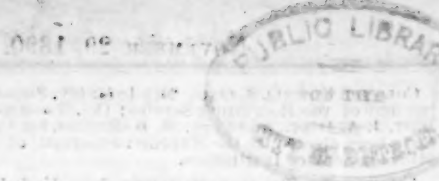
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ARMY NAVY

GAZETTE OF THE REGULAR JOURNAL. AND VOLUNTEER FORCES.

VOLUME XXVIII.—NUMBER 14.
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NEW YORK, SATURDAY, NOVEMBER 29, 1890.

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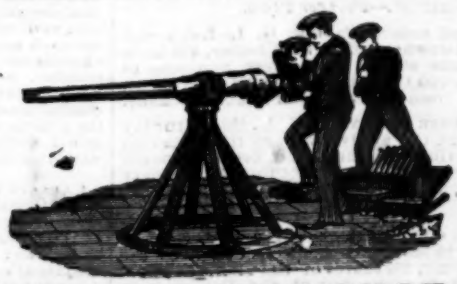
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PERSONAL ITEMS.

CAPTAIN J. M. ROPES, U. S. A., is a recent guest at the Menger Hotel, San Antonio.

LIEUTENANT F. H. BEACH, 6th U. S. Cavalry, is East from Fort Lewis on a few weeks' leave.

GENERAL W. D. WHIPPLE, U. S. A., lately in New York City, is visiting friends at Norristown, Pa.

LIEUTENANT ARCHIBALD CAMPBELL, 3d U. S. Artillery, left Washington on Monday on a short leave.

CAPTAIN ROGERS BIRNIE, Jr., Ordnance Department, U. S. A., was a visitor to New York City this week.

LIEUTENANT F. E. HOBBS, U. S. A., has returned to South Bethlehem, Pa., from a trip to Washington.

LIEUTENANT C. L. BECKURTS, 6th U. S. Infantry, returned to Newport Bks., Ky., this week from a short leave.

LIEUTENANT ODO GUVOVITS, 11th U. S. Infantry, left Sackett's Harbor on Tuesday on a short Thanksgiving leave.

MAJOR GENERAL O. O. HOWARD, U. S. A., returned to Governor's Island on Tuesday from a short trip to Washington.

LIEUTENANT J. O. MACKAY, 3d U. S. Cavalry, recruiting officer at Elmira, N. Y., has left there on a few weeks' leave.

LIEUTENANT T. W. MOSHER, 22d U. S. Infantry, is a recent addition to the commissioned roster at Columbus Barracks, O.

LIEUTENANT FAYETTE ROE, U. S. A., A. D. C. to Gen. Brooke, is a recent visitor to Fort Leavenworth on promotion.

CHAPLAIN O. J. NAVE, U. S. A., was expected to leave Fort Niobrara, Neb., this week, to spend until January next on leave.

ADJUTANT F. P. FREMONT, 3d U. S. Infantry, has left St. Paul on a few weeks' leave and may visit relatives on the Pacific Coast.

LIEUTENANT E. H. BROOKE, 21st U. S. Infantry, after a tour of detached service at Fort Bridger, has returned to Fort Sidney, Neb.

LIEUTENANT W. S. GRAVES, 7th U. S. Infantry, under recent orders, changes station from Fort Logan, Colo., to Camp Pilot Butte, Wyo.

COLONEL A. R. BUFFINGTON, U. S. A., returned to Springfield, Mass., a few days ago from his trip to the West, etc., as far as the Pacific Coast.

COLONEL C. E. BLUNT, U. S. A., has removed from Hotel Arno, Washington, D. C., to his own house at No. 1720 Massachusetts avenue, in the same city.

GENERAL GEORGE D. RUGGLES, U. S. A., lately from the Pacific Coast, and now on duty at Governor's Island, visited friends in Washington this week.

LIEUTENANT-COLONEL RICHARD F. O'BRIEN, 15th U. S. Infantry, is expected to leave Fort Sheridan next week for the East to spend December and January on leave.

LIEUTENANT CHARLES D. RHODES, 6th U. S. Cavalry, will leave Fort Wingate, New Mexico, next week, for the East, and when he returns will take a bride with him.

CAPTAIN C. C. MORRISON, Ordnance Department, U. S. A., has bid farewell to friends at Philadelphia and is due in West Troy on Monday next for duty at the Watervliet Arsenal.

CAPTAIN E. K. RUSSELL, 1st U. S. Artillery, returned to Fort Wadsworth, Staten Island, this week, from a tour of regimental recruiting duty which was moderately successful.

LIEUTENANT-COLONEL L. D. DE RUSSY, after a pleasant tour of duty at the Headquarters Division of the Pacific at San Francisco, dating from Dec. 11, 1886, will shortly rejoin his regiment.

COLONEL H. W. CLOSSON, 4th U. S. Artillery, of the Gun Factory Board, after a trip with his associates across the continent has returned to Atlanta, and resumed command of Fort McPherson.

The engagement is announced of Mr. A. C. Coble, of Buffalo, Wyoming, to Miss Nancy Lee, daughter of Mr. C. S. Lee, and grand-niece of the late Gen. R. E. Lee. The marriage will take place in Winchester, Va., early in 1891.

MAJOR WM. ARTHUR, Paymaster, U. S. A., has returned to St. Paul from an official trip through the Missouri valley with his scalp unmolested, and he is not inclined to consider that danger of trouble with the Sioux is imminent.—*Pioneer Press*.

UNDER recent orders Captain G. L. Luhn and Lieuts. E. H. Browne and J. H. Wholley, 4th U. S. Infantry, change station from Fort Spokane to Fort Sherman, and Capt. R. P. Brown and 2d Lieut. F. B. Andrus, from Fort Sherman to Fort Spokane.

GENERAL WAGER SWAYNE, U. S. A., this Saturday evening, Nov. 29, the anniversary of the admission of the state of Ohio into the Union, heads the ticket for officers for the ensuing year of the Ohio Society of New York, and there is little doubt of his reelection.

The personal estate of the late Gen. Belknap consists of \$1,830 in insurance policies, 1 share of the Washington Critic, 200 shares of the Mexican Phosphate and Sulphur Company of San Francisco, 10 shares of the Tibbles Manufacturing Company of Chicago, 10 shares of the Brush-Swan Electric Company of Washington, an interest in the patent or expected patent of Charles Mahon for removing obstructions on street railways, 14 shares of the stock of the Bull Run Paurama Company, 1,000 shares of the Washington Cable Tramway Company, 100 shares of the Iowa Gulch Mining Company of Leadville, Colo., and 1 share of the Maple Car Coupler Company.

MAJOR J. M. BROWN, surgeon, U. S. A., has been visiting old friends in Omaha.

COLONEL D. R. CLENDENIN and Adj. F. W. Sibley, 2d U. S. Cavalry, are recent visitors at Fort Huachuca.

MAJOR T. A. BALDWIN, 7th U. S. Cavalry, on leave from Fort Sill, is visiting at 47 West 35th St., New York City.

CAPTAIN J. A. FESSENDEN, U. S. A., of Major Gen. Howard's staff, spent Thanksgiving day at Stamford, Conn.

COLONEL J. K. MIZNER, 10th U. S. Cavalry, has returned to Fort Grant from a trip to Fort Thomas and San Carlos.

ADJUTANT G. H. KINZIE, 2d U. S. Infantry, who has been visiting for some time past in Chicago, has returned to Fort Omaha.

ASSISTANT SURGEON PAUL CLENDENIN, U. S. A., lately from the West, has assumed charge of the medical department at Sault Ste. Marie, Mich.

LIEUTENANT W. K. JONES, 14th U. S. Infantry, visited friends in Dubuque, Iowa, this week and afterwards left there en route to Willets Point, where he is due Dec. 1.

GENERAL SHERMAN attended a dinner at Delmonico's, New York, this week, given in honor of Mr. Willard, an excellent English actor, now playing at Palmer's Theatre.

CAPTAIN JOHN PITMAN, U. S. A., who has been on duty at Fort Snelling for some time past, is expected in New York in a few days en route to the West Point Foundry, Cold Spring.

NO STEPS have yet been taken by the Secretary of War towards filling the four existing vacancies on the limited retired list. It is known, however, that Major Gerald Russell, 5th Cav., will be one of the four selected.

IN connection with his work as one of the Commissioners, Col. S. C. Kellogg, U. S. A., is energetically prosecuting his series of maps to illustrate the whole campaign for Chittanooga. The ten maps of Chickamunga are completed.

At a recent meeting of the Publication Committee of the Military Service Institution Gen. T. F. Rodenbough, U. S. A., resigned his position of senior editor of the M. S. I. Journal and Major W. L. Haskin, 1st Art., was appointed in his stead. The Journal will hereafter be conducted by Major Haskin and Lieut. Bush.

GENERAL EDWARD F. BEALE, of California, who was an intimate friend of General Grant, proposes the erection of a memorial to the distinguished chieftain, to be placed in the circle south of the Executive Mansion, Washington, D. C. General Beale thinks a memorial to Abraham Lincoln might also be erected in the same inclosure.

THE Fort Collins, Colo., *Courier* says: "Maj. Stolbrand's lecture on Indian wars and warfare was exceptionally interesting, and many thrilling tales of the narrow escapes of the well known cavalry officers and men were brought before us. One especially interesting because the heroic captain is the father of one of the students here, Guy Henry of Fort McKinney."

GENERAL KAUTZ, Lieut.-Col. Hall, Majors Davis and McKee, and Captains Freeman and Blunt, who constitute the Board soon to meet in New York to select a magazine rifle for military use, are well chosen. What they don't know about their profession, theoretically and practically, is scarcely worth knowing. The Board will likely organize at the Army Building, Whitehall street.

THE following Army officers registered at the War Department this week: Asst. Surg. Francis V. Walker; Chaplain O. E. Herriek, retired; 2d Lieut. Edward S. Avis, 5th Inf.; 1st Lieut. Louis V. Caziare, 2d Art.; 1st Lieut. Hamilton Rowan, 2d Art.; Maj.-Gen. O. O. Howard; Col. Geo. D. Ruggles, A. A. G.; 1st Lieut. Fred. A. Smith, 12th Inf.; 1st Lieut. C. A. Williams, 21st Inf.; Lieut.-Col. J. J. Upham, 31 Cav.; 1st Lieut. C. A. Booth, 7th Inf., and Capt. L. L. Bruff, O. D.

REFERRING to the marriage, Nov. 19, in Richmond, Va., of Lieut. Charles Gerhardt, 20th U. S. Infantry, to Miss Kate Watkins, a despatch says: "The circumstances connected with this marriage are peculiarly romantic. They met in 1885, when Lieut. Gerhardt was a cadet at West Point, and since that time had not seen each other until he came to Richmond a few days ago to make arrangements for the nuptials. The courtship was conducted by letter." After a short tour the married couple will go to Fort Assiniboine where a hearty welcome awaits them.

THE Omaha Bee, referring to the recent departure of Maj. Edmond Butler, 2d U. S. Inf., from Omaha for the "front," says: "Maj. Butler is going against an hereditary foe. He was with Miles in 1877 when that doughty warrior drove Sitting Bull into Canada, and was with him when the country allowed the arch fiend to return across the border. He now expects to meet the old foe as well as his old commander, who signally complimented him for his magnificent capture of Wolf Mountain, a most successful move which turned the tide of battle. In the charge up the declivity the major's horse was killed under him, but the point was gained, notwithstanding."

CAPTAIN CHARLES KING, U. S. A., is the editor of "The Colonel's Christmas Dinner," a collection of stories of military adventure having some reference to the holiday season. The list of contributions is as follows: Introduction, by Capt. Chas. King; The Adjutant's Story, Capt. Chas. King; The Senior Lieutenant's Story, Lieut. Thos. H. Wilson, U. S. A.; The Senior Captain's Story, Capt. Edward Field, U. S. A.; The Junior Captain's Story, Capt. Henry Romeyn, U. S. A.; The Colonel's Daughter's Story, Miss Caroline F. Little; A Captain's Story, Capt. W. C. Bartlett, U. S. A.; The Quartermaster's Story, Mr. Edward L. Keyes; The Major's Story, Major Wm. H. Powell, U. S. A.; A Guest's Story, Alice King Livingston, and The Colonel's Story, Col. H. W. Closson, U. S. A. L. R. Hamersley and Co., of Philadelphia, are the publishers.

COLONEL ELWELL S. OTIS, 20th Infantry, Superintendent of the Recruiting Service; Col. Thomas F. Barr, J. A. Dept., and Capt. M. B. Hughes, 9th Cav., have been elected to the Executive Council of the Military Service Institution.

LIEUTENANT CHARLES MCCLURE, 18th U. S. Inf., was expected to arrive this week at Vancouver Bks. to assume on Monday the duties of Judge Advocate of the Department of the Columbia in succession to Lieut. W. E. Birkhimer, who is soon to join Smith's battery at Washington Barracks.

LIEUTENANT B. B. BUCK, 16th U. S. Infantry, on duty at the Missouri State Military School, has published in pamphlet form, with diagram, an excellent method for the crossing of columns of troops, wagon trains, etc., on the march without either column halting or losing appreciable distance.

LIEUTENANT H. G. SQUIERS, 7th U. S. Cavalry, on college duty, and Lieut. G. H. Preston, 9th Cavalry, on temporary duty at Fort Myer, and many others on detached service whose names have not reached us, were prompt to ask to be sent to their regiments on their being ordered into the field against the hostile Indians.

THE Omaha Bee says: "Capt. John Simpson, assistant to the chief quartermaster, has gone to Pine Ridge, taking with him one of his clerks. The order was a surprise to Capt. Simpson, who was on the point of leaving for St. Joe, to act with the horse board which is about to select horses there for use at Fort Robinson."

MISS MARIE SCHENCK, of Fort Schuyler, N. Y. H. spent last week visiting friends in Elizabeth, N. J., and at Fort Hamilton, Brooklyn. While at Hamilton, Miss Schenck was the guest of Col. and Mrs. Loomis L. Langdon, and at the hop Friday evening assisted the general commandant and his wife in receiving their guests.

FIRST LIEUTENANT GEORGE P. SCRIVEN, 3d Art., who is at present doing some valuable work for the bureau of military information, is one of the Army officers selected for duty in South America, under the State Department, in connection with the World's Columbian Fair. There are three or four more to be selected.

A WASHINGTON despatch of Nov. 25 says: A dozen relations and a few friends came in St. John's, Nov. 25, to witness the nuptials of Miss Emilie Thom, daughter of Mr. and Mrs. C. N. Thom, to Captain Harry Reade. Captain and Mrs. Reade drove straight to the station and started for New York. They will go to Lowell, Mass., for a visit to the groom's relatives. Among those present were Mr. and Mrs. Lieut. Wood, of Philadelphia, General Thom, etc.

"MANY happy returns of the day" to Col. J. G. Tilford, 9th U. S. Cav., born Nov. 26; to Col. W. P. Carlin, 4th U. S. Inf., born Nov. 24; to Capt. S. M. Swigert, 2d Cav., born Nov. 28; to Capt. J. B. Johnson, 3d Cav., born Nov. 29; to Capt. Henry Sweeney, U. S. A., born Nov. 26; to Lieut.-Col. A. S. Burt, 7th Inf., born Nov. 29; to Capt. Chas. Porter, 8th Inf., born Nov. 23; to Capt. Chas. F. Robe, 25th Inf., born Nov. 23; to Capt. Henry Seton, 4th Inf., born Nov. 25; to Capt. C. M. Bailey, 8th Inf., born Nov. 26; to Capt. J. B. Campbell, 4th Art., born Nov. 26.

A NUMBER of the Army promotion boards have commenced operations, but it will be some time before their reports are ready for publication. There are reports of several failures in the physical examination, Capt. S. C. Vedder, 19th Inf., and 1st Lt. C. W. Harrold, 3d Art., being mentioned among them. If this report is true, they will doubtless be retired with the next highest rank when they become entitled to promotion, as they both served during the rebellion. Lieut. H. J. Slocum, 7th Cav., who was pronounced permanently disabled by a retiring board about a year ago, has asked to be allowed to join his company, reporting that he has entirely recovered. He will probably be given an examination before his request is acted upon.

COLONEL ELWELL OTIS, 20th U. S. Infantry, is a recent visitor at St. Louis on a tour of inspection of recruiting depots and rendezvous and, being interviewed, is quoted as saying: "The industrious soldier who observes the rules and regulations carefully, and who is endowed with good common sense and a fair education, does not have to plod forever in the ranks. Of course the graduate from West Point must be cared for first, but this operates as no bar to the private soldier. We want to build up an army of Americans. The present Army includes fully 64 per cent. of Americans. The foreign element enlisted varies in the different cities. In St. Louis the proportion is about 52 per cent., Irish and German 20 per cent. each, and the rest scattering. The German or Irishman makes a good soldier, but I prefer the American youth, as he has more individuality. Almost every trade and craft is represented within the ranks."

A NEWPORT, Ky., correspondent writes: An exceptionally handsome tea was given, Nov. 20, by Mrs. Col. Van Voast, to introduce her daughter, Miss Virginia Rensen Van Voast, a charming girl, who has been most carefully educated here, and who spent last summer in Europe. The fine old Van Voast residence, West 3d Street, was beautifully en fête for the debut of the only daughter of the house. The rooms, with their fine pictures and massive furniture, with here and there a touch of old delft and rare bits of carved, and the grand moose antlers that Colonel Van Voast, U. S. A., captured in his active service in British Columbia, made a very striking interior. Mrs. Van Voast is a rarely beautiful woman, of queenly presence—a granddaughter of Colonel Taylor, of Newport, and inherits much of the beauty for which the family are celebrated. She had good reason to be proud of the beautiful girl at her side. Slim and tall, with fair hair, a perfect complexion and beautifully posed head and a very attractive manner, Virginia Van Voast is the type of a thoroughbred young gentlewoman.

Two marriages took place at Alaska, recently. One at Juneau, Oct. 29, being that of Ensign D. F. Terrell, U. S. N., to Miss K. B. Delaney, and the other at Sitka, Oct. 31, that of Ensign R. E. Coontz, U. S. N., to Miss Augusta Cohen.

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REAR-ADMIRAL J. G. WALKER and Lieut. C. S. Staunton, B. H. Buckingham, and T. B. M. Mason, U. S. N., registered at the Fifth Avenue Hotel, New York City, on Sunday last.

COMMANDER GEORGE C. REITER, lately detached from the *Ranger*, arrived at his home in Pennsylvania, from San Francisco, Nov. 26. He is expected at the Navy Department the latter part of this week.

P. A. PAYMASTER FRANK H. CLARK, who was this week granted an extension of furlough for six months, is the Washington agent of the Thompson and Houston Electric Light Company. It is understood that he will shortly resign from the Navy.

THE *City of Para*, which arrived in New York on Monday, brought from Colon, Comdr. G. C. Reiter, U. S. N., who was in charge of the *Ranger* on hydrographic service in the harbor of San Jose de Guatemala at the time of the killing of Gen. Barrundia, and who has come on to give his account of the affair to the State Department.

COMMANDER FRANCIS W. DICKINS will shortly receive orders for special duty in South America, in connection with the World's Fair. Several other officers have been offered similar duty but have declined because, it is said, the Government would not make sufficient allowance to cover all the expenses. On the other hand, there have been a number of candidates whose applications have been disapproved because they did not have sufficient shore duty to their credit.

A BROOKLYN gossip writes: "Most of the reports of the recent *Maine* launch refer to Miss Alice Wilmerding, the heroine of the christening, as a young lady of 18 or over. In point of fact, Miss Wilmerding has not yet touched her 16th birthday, and is still a schoolgirl. She is of decided English type, large and blonde, with charming, vivacious manners and self-possession quite remarkable in one so young. Those who saw her Tuesday noon, her fair hair hanging in long braids a la Gretchen, the gilded wine bottle lashed to her wrist with gay ribbons, standing in relief against the big cruiser whose god-mother she was, her whole pose that of excited expectancy, will not soon forget the picture she made."

FROM Nicaragua comes favorable reports as to the progress of the work on the canal. A Greytown correspondent writes: "But no account could be complete that omitted some insight into the nature and purposes of the man whose master mind has worked up the details of this great scheme, whose genius commands the energetic labors now being performed, and whose intelligence is to direct the gigantic work ahead-of the chief engineer, Mr. Menocal. Like all men who have left their mark upon the history of human progress, he is a man of one idea, and that one the completion of the canal under his charge. He has given to its study 18 of the best years of his life, and has balanced and weighed its possibilities down to the minutest details. It is his pet, his one thought, his life work."

A PORTSMOUTH (N. H.) correspondent writes: "The entertainment given Nov. 18 by Storer Post, G. A. R., for the purpose of raising funds for the purchase of portraits of Admiral Farragut and Col. Whipple for the schools bearing those names, was a great success. Between Capt. and Commandant C. C. Carpenter, U. S. N., veteran of the great Rebellion, and Capt. Arthur R. Yates, U. S. N., one of the heroes of Mobile Bay with the immortal Farragut, sat the lecturer, Pay Inspector Jos. A. Smith, U. S. N., paymaster of the *Kearsarge*. Behind and near these gentlemen sat other survivors of the great naval battle, who drank in their comrade's words and lived over again that never-to-be-forgotten day. The lecturer was frequently applauded and he was accorded the most perfect attention. The address fulfilled the highest expectations of the audience and earned for the speaker an added laurel well deserved and freely bestowed."

(Correspondence of the Army and Navy Journal.)

OMAHA PERSONALS.

OMAHA people are very hospitable, and the homes and hearts of the "four hundred" have ever been open to the "Army wanderers," and there are few large gatherings where the Army is not well represented.

Gen. and Mrs. Brooke are asked everywhere. The General, with his bright, pleasant ways, his wife cordial and with a gracious word for every one, are great favorites in society. Mrs. Brooke has a sister with her. She is, I hear, something of an invalid. No one, however, would think it, for she is always sweet and cheerful and seems to enjoy life most thoroughly.

Col. and Mrs. Sheridan are much sought after also, and who can wonder, for there are few women more womanly and attractive than Mrs. Sheridan. She has the happy faculty of making friends of all she meets. Col. Bacon is always popular. He is still from home on an inspecting tour. He has a charming young wife, dignified and with a peculiarly attractive face. Dr. Bache is one of the cleverest men I have ever met—quiet, with a quaint humor that is perfectly irresistible to the one to whom he is talking. He is a great favorite both in and out of the Army. He is on leave now, gone to look after the "millions" Benj. Franklin left, and hopes to enjoy spending a good share. Miss Bache is still at Fort Riley. Miss Berta and Dallas, his only sons, are in Omaha.

Col. Hughes, one of the youngest, in feeling, of the staff, is a whole-souled, genial man. He is fond of society and from the frequency his name appears in the *Excelsior* (our society paper) much sought after. His family is not with him, Mrs. Hughes being abroad superintending the education of their daughter. Major Benham is also a bachelor pro tem., his family being East on a visit. Major Bell is also without his family. He is very social and quite an artist in oil.

Major Baker is jolly and talkative; has many friends here, who are devoted to him. He has a large and interesting family.

Capt. and Mrs. Simpson have just gone to house keeping. They are both lively and pleasant and never happier than when their house is full of friends. They have a pretty little daughter, very bright and attractive. Capt. and Mrs. Humphrey

are social, pleasant people. They have a house full of little ones—bright, pleasant children. Capt. and Mrs. Ayres are new comers, very clever people. Mr. and Mrs. Truitt have a cozy little home and seem to enjoy it exceedingly. He is a quiet, modest man with much ability.

Mr. Roe, the General's other aide, is a bright man, full of activity and energy. His wife is not going out, having lost her mother last year. She is a very capable woman and I believe paints well.

Mr. and Mrs. Chittenden are both pleasant and their many friends very much regret their stay in Omaha is so short. Last, but by no means least, are Mr. and Mrs. Worden, both pleasant, both attractive and both delightful friends. Mr. Worden paints well and is also quite a musician.

ONE OF THE "FOUR HUNDRED."

RECENT DEATHS.

THE death this week of Mr. August Belmont, the distinguished banker, removes a conspicuous figure from the national roster. Identified for many years with the life and movement of New York City, his position in the financial world as the head of a great banking house and the agent of the Rothschilds, his prominence in politics, his liberality as a patron of music and art, his unflagging devotion to the interest of the turf, his social standing, all made him one of the New Yorkers whom everybody knew, if not personally, at least by wide reputation. A way back in the forties he married Miss Perry, a daughter of Commo. Matthew C. Perry and a niece of Commo. Oliver H. Perry, the hero of Lake Erie. How he won his bride is thus described: He and several other young men were at the theatre. A bevy of beautiful young women sat opposite them. As they left their box their conversation was on the charming ladies. A bystander made an insulting remark. Young Belmont, facing him, said: "The dog who would utter such a sentiment insults the memory of his own mother, and is unfit for the company of decent men!" The bystander, a noted duellist, replied: "You shall here from me." Belmont was challenged. His friends gave him up as a dead man, but it resulted in Belmont being wounded in the left leg below the knee. The young banker became the hero of the hour, and shortly after was presented to the lady who had been the unwilling cause of the duel.

COLONEL BEVERLY KENNON, of Washington, D. C., the inventor of the circular fort adopted at the last session of Congress, was seized with a cerebral hemorrhage at Brooklyn, Nov. 21, and died shortly after having been removed to the City Hospital. Col. Kennon was born in Virginia about 60 years ago. He was a son of Capt. Beverly Kennon, U. S. N., who was killed by the explosion of a gun on board of the *Princeton*, Feb. 28, 1844. He was appointed to the Naval Academy in 1846, and rose to the rank of lieutenant, but resigned at the breaking out of the Civil War and joined his fortunes with those of the Confederacy. At the close of the war he tendered his services to the Khedive of Egypt, and served for several years under that ruler as the colonel of an Egyptian regiment. Returning to the United States again he engaged in various occupations in New York, Baltimore and Washington. He is better known among Army and Navy officers as the inventor of the counterpoise battery, the principle of which he utilized during the Rebellion, and subsequently perfected it in the defence of Egypt. He presented his plans to Congress, and at the last session an appropriation was made for the building of a battery on Kennon's plan at Fort Washington, on the Potomac. Col. Kennon leaves a widow, but no children.

A CORRESPONDENT, referring to the late Capt. Edward B. Rheem, 21st U. S. Infantry, and to his excellent service, says: "Some four years ago continued ill-health compelled him to give up active service and seek rest in a prolonged sick leave. Soldierly and brave in health, so was he patient and uncomplaining in suffering. In his death the Service loses a brave and patriotic soldier and his regiment an officer of sterling qualities and a man of upright and irreproachable character. Peace to his ashes."

MR. ISAAC C. RANDALL, who was with Commodore Perry when he opened up commercial relations with Japan, and was in charge of a detachment in his command, died at Bath, Maine, recently. He was also a "Forty-niner."

MANY in the Army will learn with sincere regret of the death at Cincinnati, after a lingering illness, of Mrs. Elder, widow of Maj. Samuel S. Elder, U. S. Artillery.

GENERAL JOHN D. RUST, a gallant officer of Maine volunteers during the war, died Nov. 22 at Rockport.

SURGEON GENERAL'S REPORT.

THE annual report of the Surgeon General of the Army, which was signed by Gen. Moore, just before his retirement on Aug. 16 last, shows total expenditures during the year of \$133,569. The strength of the Hospital Corps on July 1 was 187 stewards, 62 acting stewards and 562 privates. Of those discharged 91 or 11.9 per cent. did not re-enlist.

The results of the treatment at the Hot Springs Hospital in rheumatic cases were highly satisfactory, but the same success was not met with in nervous diseases. Recommendations are made for a number of improvements at the hospital. The recommendation for legislation, which will secure the retirement of the disabled officers in the corps, is renewed.

The limitation of \$300 and \$1,200 in the appropriation for erection of hospital stewards' quarters is considered unjust, and Congress is asked to remedy the invidious distinction between these persons and the non-commissioned officers who are allowed \$22 for their quarters.

The death rate during the year was 6.35, being less than the armies of either Great Britain or Italy, but slightly higher than the German army. Little difference is reported in the rate of admission to sick report between this year and last, it being 18.15 per 1,000 of strength against 12.15.

The fatality of disease was greater among colored than white. The post having the highest rates of

admission were Fort Brown, Tex.; Fort McPherson, Ga.; Little Rock, Ark., and Columbus, O. The former is the worst record of any post in the Army for non-efficiency, malarial fevers, venereal diseases and alcoholism being the principal causes. Angel Island, Cal.; Fort McKinney, Wyo.; Fort Union, N. M.; Alcatraz Island, Cal.; Fort Ringgold, Tex.; West Point, N. Y., and Forts Missoula and Keogh, Mont., in the order named, present the best records in point of healthfulness.

Of the 20,789 recruits examined 59.15 per cent. were rejected, only 38 per cent. of which was due to disease and injury.

The report concludes with these remarks in favor of the canteen: "Prohibition on the military reservation has been suggested and tried, but this has immediately invited the establishment of dens of dissipation and disease just beyond the jurisdiction of the commanding officer. License on the reservation is deemed preferable to unbridled license outside of it. It is believed that the canteen system will have a greater effect in reducing the statistics of alcoholism than any measure that has yet been tried."

NAVAL REPORTS.

CAPT. R. L. PHYTHIAN, Superintendent of the Naval Academy, in his annual report urgently recommends that provision be made for six additional sets of quarters and that until the new Naval Academy practice vessel is finished a small steamer vessel with modern machinery be provided for. No material changes have been made in the course of study, none in the drills and exercises. The beneficial effects of the new department of discipline, established by authority of the Navy Department in January last, are already being felt.

Comdr. F. M. Ramsay, Chief of the Bureau of Navigation, in his annual report refers to the establishment of the department of discipline at the Naval Academy, which gives officer-like bearing and conduct weight in determining standing. He recommends that vacancies in the lower grades of the Pay Corps be filled from the Naval Academy. More rear admirals are needed. Three squadrons are under the command of commodores, and rear admirals are needed for the Lighthouse, Examination and Construction Boards and for the important stations at New York and San Francisco. The ensigns now performing the duties of lieutenants should have the rank and pay commensurate with their duties. Commo. Ramsay says:

The number of the engineer officers allowed by law is inadequate to perform the duties required of that corps. It is therefore recommended that the following changes be made in the grades mentioned:

The number of rear-admirals to be increased from six to ten. The number of lieutenants (junior grade) to be increased from 75 to 150. The number of ensigns to be reduced from 181 to 108. The number of chief engineers, with relative rank of lieutenant-commander, to be increased from 45 to 50. The number of passed assistant engineers, with relative rank of lieutenant and lieutenant (junior grade), to be increased from 60 to 120—75 to have the relative rank of lieutenant, and 45 to have the relative rank of lieutenant (junior grade). The number of assistant engineers, with relative rank of ensign, to be reduced from 40 to 31. Your attention is invited to the inequalities now existing in the pay of the officers of the Navy. Officers of the same rank or relative rank should receive the same pay, and juniors should not receive more pay than their seniors. Under the present laws it is not uncommon for the commandant of a shore station, necessarily the ranking officer at the station, to find himself receiving less pay than the captain of the receiving-ship at his station, and less than some of the heads of the staff departments in the navy-yard under his command. The inequality does not exist only in the case of the commandants, but exists in all grades, and is shown plainly in the grade of ensign and officers holding that relative rank.

It is recommended that officers on duty, not furnished with Government quarters, shall have quarters hired for them, a certain number of rooms to be allowed to each rank.

It is also recommended that sections 1465 and 1466 of the Revised Statutes, which give precedence to officers according to length of service, be repealed, and that all officers in the Navy shall take precedence according to the dates of their commissions. The present law frequently changes the precedence of officers and has an injurious effect upon discipline. It is believed that in no naval or military service, other than the United States Navy, is the date of an officer's commission valueless in determining his precedence.

Beneficial results have followed the increase in the period of instruction on the cruising training ships, and from the addition to the course of the gunnery schools of a large amount of rifle and revolver practice. The *Alarm* is now being fitted for practice with rapid fire and other guns. The "Sibley bills" are recommended to the further consideration of Congress. Enlisted men of the Navy should have the right to citizenship as the result of service as is now accorded to those of the Army. An assistant of each bureau of the same corps as its chief is recommended. The officers on duty as senior assistants are now without authority to act in the absence of the chief of bureau.

ARRIVAL OF THE BRAZILIAN SQUADRON.

THE Brazilian squadron, in command of Admiral Baltazar da Silveira, and consisting of the steel cruiser *Aquidaban* and the wooden corvette *Guadabara*, arrived at New York Nov. 28. The foreign squadron was met near Sandy Hook by the U. S. vessels *Yorktown* and *Dolphin*. Salutes were exchanged, and Capt. Yates Stirling, as representative of R.-Admiral Gherardi, went on board the *Aquidaban* to welcome Admiral da Silveira to American waters and present to him the freedom of the port. An informal reception was held by Admiral da Silveira in his cabin on the *Aquidaban*, many officers from the *Yorktown* and *Dolphin* being present. All the vessels anchored for the night off the Southwest Spit, and on Nov. 29 they got under way and proceeded to an anchorage in the North River. All the forts in the harbor saluted, and the troops paraded. As the visiting ships, escorted by the *Yorktown* and *Dolphin*, came to anchor in the place assigned them asters of the *Philadelphia* salutes were exchanged between the two flagships. Admiral Gherardi, attended by his staff, called on Admiral da Silveira.

THE Navy Department has reserved final payment on the torpedo boat *Cushing* until a new evaporator has been furnished, as the one originally provided and now in use is not considered satisfactory.

THE ARMY.

BENJAMIN HARRISON, President and Commander-in-Chief.
REDFIELD PROCTOR, Secretary of War.
LEWIS A. GRANT, Assistant Secretary of War.

G. O. 134, H. Q. A., Nov. 21, 1890.

1. By direction of the Secretary of War, and in conformity with the provisions of the act of Congress approved Oct. 1, 1890, paragraphs 21 and 22 of the Regulations are amended to read as follows:

21. Promotions in established staff corps and departments up to the grade of colonel will be made by seniority, subject to the examinations required by law.
 22. In the line of the Army promotions to the rank of colonel, in each arm of the Service, will be made by seniority, subject to the examinations required by law, with the exception, however, that all officers of the line of the Army in service Oct. 1, 1890, above the grade of 2d lieutenant shall, subject to the prescribed examinations, be promoted in accordance with the regulations existing on that date.

11. By direction of the Secretary of War paragraphs 1464, 1465 and 1466 of the Regulations are amended to read as follows:

1464. When an officer travels, without troop, under orders from competent authority, he is entitled under existing law to the following allowances:

1st. To mileage at the rate of four cents per mile for the distance between the points covered by the order. Such distance will be computed over the shortest usually travelled route.

2d. To reimbursement of the cost of transportation actually paid by the officer over the route above specified (exclusive of per-car fares and charges for baggage and transfer), upon his certificate that he did not obtain transportation from the Quartermaster's Department. Officers cannot be reimbursed, however, for cost of transportation over free roads, or over bond-aided Pacific railroads; but transportation, in kind, will be furnished them by the Quartermaster's Department over such roads.

1465. The travel allowance provided for in paragraph 1464 will be paid by any paymaster stationed in the division or department in which journeys are completed.

1466. Claims for travel allowance, based upon orders issued from the Headquarters of the Army, will be forwarded for settlement to the chief paymaster of the division or department in which the journeys are completed.

By command of Major-Gen. Schofield:
CHAUNCEY McKEEVER, Act. Adjt.-General.

G. O. 136, H. Q. A., Nov. 24, 1890.

By direction of the Secretary of War a board of officers will assemble at the Army Building, New York City, on the 10th day of December, 1890, or as soon thereafter as practicable, to consider and recommend a suitable magazine system for rifles and carbines for the military service.

Details for the Board.

Colonel August V. Kautz, 8th Infantry.
 Lieutenant-Colonel Robert H. Hall, 6th Infantry.
 Major George W. McKee, Ordnance Department.
 Major Wirt Davis, 5th Cavalry.
 Captain Henry B. Freeman, 7th Infantry.
 Captain Stanhope E. Hunt, Ordnance Department.
 The junior member will act as recorder.

All persons interested in magazine rifles are invited to appear in person before the board and submit samples under such rules as may be adopted by the board. The arms submitted must be of calibre .30, and must use the Frankford Arsenal experimental cartridge, except that the Chief of Ordnance may, in his discretion, submit such small-arms, irrespective of calibre, for examination and test as he may judge will prove useful to the board.

Samples of the experimental cartridge, and any further information required by those interested, may be obtained by addressing the recorder of the board at the National Armory, Springfield, Massachusetts.

The Chief of Ordnance will supply such information and offer such facilities to the board in the trials and experiments undertaken as may be necessary to the performance of the duty assigned it.

The board is authorized to adjourn from time to time to the National Armory, Springfield, Massachusetts, in order to avail itself of the resources of that establishment, and upon final adjournment the members will return to their proper stations. The travel enjoined is necessary to the public service.

By command of Major Gen. Schofield:
CHAUNCEY McKEEVER, Act. Adjt.-General.

G. O. 24, DEPT. OF THE MISSOURI, Nov. 19, 1890.

I. Pursuant to par. 20, S. O. 267, c. s., H. Q. A., A. G. O., Lieut.-Col. E. V. Sumner, 8th Cav., is relieved from duty as Inspector of Small-Arms Practice of the Department.

II. Major Wirt Davis, 5th Cav., is announced as Inspector of Small-Arms Practice of the Department.

By command of Brig.-Gen. Merritt:
WM. J. VOLEKMAR, Asst. Adjt.-Gen.

STAFF CORPS AND DEPARTMENTS.

General Officers.

Brig.-Gen. John R. Brooke, accompanied by 1st Lieut. Charles M. Truitt, 21st Inf., aide-de-camp, will proceed to the Pine Ridge and Rosebud Agencies, S. D. (S. O. 87, Nov. 17, D. Platte.)

Brig.-Gen. Gibson, Dept. California, accompanied by 1st Lieut. Leonard A. Lovering, 4th Inf., aide-de-camp, will proceed to Monterey, Cal., and return, on public business (S. O. 101, Nov. 20, D. Cal.)

Adjutant and Inspector Generals.

Major P. D. Vroom, I. G., will inspect the national cemetery at Springfield, Mo.; the military department of the Arkansas Industrial University at Fayetteville, Ark.; the national cemeteries at Fayetteville and Fort Smith, Ark.; Fort Gibson, I. T., and Fort Scott, Kas.; the Military Prison and Subsistence Depot at Fort Leavenworth and the money accounts of disbursing officers at Fort Leavenworth and Leavenworth, Kas.; the military convicts in the Kansas State Penitentiary, and the national cemetery at Jefferson City, Mo. (S. O. 161, Nov. 21, Dept. Mo.)

Judge Advocate General's Department.

Capt. William E. Birkhimer, A. J. A., will return to his station, Vancouver Barracks, Wash., via the mouth of the Columbia River (S. O. 96, Nov. 20, Div. P.)

Quartermasters and Subsistence Departments.

Major Gilbert U. Smith, Q. M., Helena, Mont., is designated to inspect 78 horses for the cavalry service, to be delivered at Dillon, Mont. (S. O. 164, Nov. 15, D. Dak.)

Capt. John Simpson, A. Q. M., is detailed as inspector of a lot of horses for the 9th Cavalry, at St. Joseph, Mo. (S. O. 87, Nov. 17, D. Platte.)

Capt. John Simpson, A. Q. M., will proceed to Rushville, Neb., under special instructions (S. O. 88, Nov. 19, D. Platte.)

Capt. Charles F. Humphrey, A. Q. M., is detailed as the inspecting officer for the Q. M. Dept. for the inspection of a lot of horses to be purchased for the 9th Cavalry, and he will proceed to St. Joseph, Mo., on this duty (S. O. 88, Nov. 19, D. Platte.)

Lieut.-Col. William B. Hughes, Chief Q. M., will proceed to the Pine Ridge Agency, S. D., on public business (S. O. 88, Nov. 19, D. Platte.)

Capt. John W. Summerhayes, A. Q. M., having reported, is assigned to duty as assistant to the Chief Q. M. of the Dept. and in charge of the construction of Fort Sam Houston (S. O. 101, Nov. 20, D. Tex.)

S. O. 263 is directed to direct Lieut.-Col. Marshall I. Ludington, D. Q. M. G., to proceed from Omaha, Neb., to Pine Ridge Agency, S. D., on official business (S. O., Nov. 20, H. Q. A.)

The Comdg. General Dept. Columbia will grant a furlough for four months to Post Q. M. Sergt. Edward McGann, Fort Walla Walla (S. O., Nov. 21, H. Q. A.)

Comy. Sergt. David F. Driscoll, now at Rushville, Neb., will return to his station at Fort Omaha, Neb. (S. O. 89, Nov. 22, D. Platte.)

Medical Department.

At his own request, the contract of A. A. Surg. Arthur H. Coe, at Fort Missoula, Mont., is annulled (S. O. 163, Nov. 13, D. Dak.)

Act. Asst. Surg. William Johnson will proceed from Fort Thomas to San Carlos, A. T., for duty (S. O. 121, Nov. 14, D. Ariz.)

The C. O., Fort Reno, O. T., will grant a furlough for two months to Hospl. Stwd. Charles E. Lloyd (S. O. 160, Nov. 18, Dept. M.)

The C. O., Fort Supply, I. T., will grant Pvt. Iredell Kendall Hospl. Corps, a furlough for three months to terminate March 20, 1891, at which date he will be discharged (S. O. 100, Nov. 18, Dept. M.)

Pvt. John C. Jarvis, act. hospl. stwd., Fort Mobern, is transferred to Fort Barranca (S. O., Nov. 21, H. Q. A.)

Pvt. Starkey W. Johnson, Hospl. Corps, Fort Logan, is assigned to duty to Ft. Brown (S. O., Nov. 21, H. Q. A.)

Capt. Augustus A. De Loffre, asst. surg., is detailed member of the G. C. M. at Columbus Barracks (S. O., Nov. 21, H. Q. A.)

Pvt. George H. Spilman, Hospl. Corps, Plattsburgh Barracks, is transferred to Ft. Schuyler (S. O., Nov. 22, H. Q. A.)

The Comdg. General Div. Atlantic will grant a furlough for four months, with permission to leave the U. S., to Hospl. Stwd. Herbert Graham (S. O., Nov. 22, H. Q. A.)

Capt. Charles B. Ewing, asst. surg., in addition to his present duties, is assigned to duty as examiner of recruits at St. Louis, Mo. (S. O., Nov. 24, H. Q. A.)

Leave for one month is granted to Major John H. Bartholf, surg. (Plattsburgh Barracks) (S. O. 276, Nov. 26, Div. A.)

Hospl. Stwd. W. B. Young, a veteran soldier, who served in the Wisconsin cavalry early in the war and was appointed hospital steward in 1863 has been retired from active service.

Engineer and Ordnance Departments.

Lieut.-Cols. Francis H. Parker and Joseph P. Farley, O. D., are relieved from duty as members of the board of officers appointed for the purpose of testing rifled cannon, etc., and 1st Lieut. William W. Gibson and Ormond M. Lissak, O. D., are detailed as members of said board (S. O., Nov. 18, H. Q. A.)

The following changes are ordered: Capt. David A. Lytle, O. D., from duty at the U. S. Proving Ground, N. J., to duty as inspector at the Midvale Steel Works, Philadelphia, to relieve Capt. Charles C. Morrison, O. D., before Dec. 1; Capt. Morrison will report for duty at Watervliet Arsenal, West Troy, N. Y. Capt. John Pitman, O. D., is relieved from duty as chief ordnance officer Dept. Dakota and is assigned to duty as inspector at the West Point Foundry, Cold Spring, N. Y. Capt. Lawrence L. Bruff, O. D., is detailed as a member of the board of ordnance officers appointed for the purpose of preparing plans, etc., for the erection of an Army gun factory, vice Capt. Charles Shaler, relieved (S. O., Nov. 18, H. Q. A.)

1st Lieut. Frank E. Hobbs, O. D., will repair to Washington on official business connected with contracts for field forgings (S. O., Nov. 20, H. Q. A.)

Capt. Rogers Birnie, Jr., O. D., will proceed to the proving ground, Sandy Hook, N. J., on official business in connection with testing cannon (S. O., Nov. 21, H. Q. A.)

Ord. Sergt. Henry St. Clair will proceed to Whipple Barracks, A. T., reporting upon his arrival to the C. O. for duty (S. O., Nov. 24, H. Q. A.)

Signal Corps.

1st Class Private Evan T. Thomas, S. C., will proceed from Bismarck, N. D., to Moorhead, Minn., and assume charge of that station temporarily during the absence of Mr. Julius M. Sherier (S. O. 162, Nov. 19, Sig. Office.)

1st Class Private Edward B. Richards will proceed from Baltimore to Cincinnati, and report for duty to 2d Lieut. Robert B. Watkins, S. C. 1st Class Private Stephen G. Duffey will proceed from Cincinnati to Atlanta, and assume charge of that station, temporarily, during the absence of Sergt. John W. Byram. 1st Class Private James A. Barry will proceed from Indianapolis to Columbus and report for duty. 2d Class Private Charles O. Hastings will proceed from Columbus to Indianapolis and report for duty. 1st Class Private John S. Hazen will proceed from Hatteras, N. C., to Nashville, Tenn., and report for duty. 1st Class Private Albert Aschenberger will proceed from Nashville, Tenn., to Hatteras, N. C., and report for duty (S. O. 163, Nov. 21, Sig. Office.)

1st Class Private Charles H. Davis will proceed from Fort Thomas to Fort Reno and assume charge of that station. 1st Class Private Thomas Simpson will proceed from Fort Reno to Fort Grant, and report for duty as assistant to the observer in charge (S. O. 164, Nov. 22, Sig. Office.)

Chaplains.

Leave for one month is granted Post Chaplain Orville J. Nave, Fort Niobrara, with permission to apply for an extension of one month (S. O. 87, Nov. 17, D. Platte.)

THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

1st Cavalry, Colonel James S. Brislin.

Hdqs., B. D. E., and G. Ft. Custer, Mont.; I. Ft. Leavenworth, Kas.; C, F., and H., Ft. Assiniboine, Mont.; A and M, Camp Sheridan, Wyo.

Capt. Frederick K. Ward, Fort Assiniboine, is designated to examine horses for the cavalry service to be delivered at Dillon, Mont. (S. O. 164, Nov. 15, D. Dak.)

Sergt. John G. Svanson, Troop D, will be discharged the Service of the U. S. on Nov. 25 (S. O. 165, Nov. 17, D. Dak.)

2nd Cavalry, Colonel David R. Clendenin.

Hdqs., D., and H., Ft. Lowell, Ariz.; B, C, G., and I, Ft. Huachuca, Ariz.; A and K, Ft. Bowie, Ariz.; F, Ft. Leavenworth, Kas.; E, San Carlos, Ariz.

Col. D. R. Clendenin will inspect the troops of his regiment at Forts Bowie and Huachuca (S. O. 122, Nov. 15, D. Ariz.)

1st Lieut. F. W. Sibley, Adjt., will proceed on public business to Forts Bowie and Huachuca (S. O. 122, Nov. 15, D. Ariz.)

3rd Cavalry, Colonel Albert G. Brackett.

Hdqs., and G, Ft. McIntosh, Tex.; F, Ft. Davis, Tex.; D, H, I, and K, Ft. Sam Houston, Tex.; C, Ft. Ringgold, Tex.; E, Ft. Brown, Tex.; A, Camp at Eagle Pass, Tex.; B, Camp Pecos Colorado, Tex.

Leave for two months is granted 1st Lieut. Henry L. Ripley in extension of the leave on Surgeon's certificate granted him (S. O., Nov. 20, H. Q. A.)

Sergt. Max J. Kurten, having been permanently assigned to Troop E, will, at the expiration of his furlough, proceed from Galveston to Camp Pecos Colorado (S. O. 100, Nov. 17, D. Tex.)

4th Cavalry, Colonel Chas. E. Compton.

Hdqs., A, C, D., and H., Ft. Walla Walla, Wash.; I and K, Presidio of San Francisco, Cal.; G, Ft. Sherman, Id. O.; E, Vancouver Bks., Wash.; F, Boise Bks., Idaho; B, Ft. Myer, Va.

The leave granted Lieut.-Col. Anson Mills is extended five days (S. O. 101, Nov. 20, D. Cal.)

5th Cavalry, Colonel Eugene A. Carr.

Hdqs., A, C, E, F, H., and K, Ft. Wingate, N. M.; I, Ft. Lewis, Colo.; D, Ft. Stanton, N. M.; B, Ft. Myer, Va.; G, Ft. Union, N. M.

Leave for one month, with permission to apply for an extension of one month, to take effect about Dec. 7, is granted 2d Lieut. Charles D. Rhodes (S. O. 119, Nov. 12, D. Ariz.)

Sergt. James Wilson, Troop M, Fort Lewis, is detailed for duty on recruiting service, and will be sent to Baltimore, Md. (S. O., Nov. 20, H. Q. A.)

7th Cavalry, Colonel James W. Forsyth.

Hdqs., A, B, C, D, E, G, I, and K, Ft. Riley, Kas.; F and H, Ft. Sill, Okla. T.

By direction of the President, 2d Lieut. Herbert G. Squiers is, at his own request, relieved from duty at St. John's College, Fordham, N. Y., and will join his regiment in the field (S. O., Nov. 24, H. Q. A.)

8th Cavalry, Colonel Elmer Otis.

Hdqs., A, B, C, D., and I, Ft. Meade, S. D.; H and K, Ft. Keogh, Mont.; E, Ft. Buford, N. D.; F and G, Ft. Yates, N. D.

Capt. Edward A. Godwin is designated to examine horses for the cavalry service to be delivered at Fort Meade (S. O. 164, Nov. 15, D. Dak.)

1st Lieut. William F. Flynn, R. Q. M., Fort Meade, is designated to inspect thirty horses for the cavalry service to be delivered at Fort Meade (S. O. 164, Nov. 15, D. Dak.)

Capt. James B. Hickey is relieved from duty on recruiting service at N. Y. City as Aut. Asst. Adjt.-Gen., and will proceed to join his regiment (S. O. 225, Nov. 20, Rec. Ser.)

9th Cavalry, Colonel Joseph G. Tilford.

Hdqs., F, I, and K, Ft. Robinson, Neb.; A and B, Ft. Du Chene, Utah; G, Ft. Ainsworth, Neb.; D and H, Ft. McKinney, Wyo.; E, Ft. Washakie, Wyo.; C, Ft. Leavenworth, Kas.

Capt. Louis H. Rucker, Senior Vet. Surg. John Tempamy, and John C. Hughes, Civilian Inspector will inspect a lot of horses at St. Joseph, Mo. (S. O. 87, Nov. 17, D. Platte.)

2d Lieut. Guy H. Preston is, at his own request, relieved from duty at Fort Myer, Va., and will proceed to join his regiment (S. O., Nov. 24, H. Q. A.)

10th Cavalry, Colonel John K. Mizner.

Hdqs., C, F., and G, Ft. Grant, A. T.; B, E, H., and I, Ft. Apache, A. T.; K, Ft. Thomas, A. T.; A, San Carlos, A. T.; D, Ft. Bayard, N. M.

Col. J. K. Mizner will inspect the troops of his regiment at Fort Thomas and San Carlos (S. O. 120, Nov. 13, D. Ariz.)

1st Artillery, Colonel Loomis L. Langdon.

Hdqs., A, G, I, and K, Ft. Hamilton, N. Y. H., C, D., and J, Ft. Wadsworth, N. Y. E., Ft. Riley, Kas.; B, H., and M, Ft. Columbus, N. Y. H.; F, Ft. Monroe, Va.

Major John L. Rodgers, Division Inspector of Artillery, will inspect the Presidio of San Francisco, Fort Mason, and Alcatraz Island (S. O. 95, Nov. 17, Div. P.)

1st Lieut. Frederick Marsh is detailed member of the G. C. M. at Fort Hamilton, vice Capt. Richard G. Shaw, relieved (S. O. 274, Nov. 24, Div. A.)
 J. Frank Adams, serving in one of the batteries at Fort Wadsworth, has been turned over to the civil authorities on a charge of stealing certain moneys from the National Express Company.

3rd Artillery, Colonel Horatio G. Gibson.

Hdqs., A, C, E, F, H., K., and L, Washington Bks., D. C.; D, G., and I, Ft. McHenry, Md.; B and M, Ft. Monroe, Va.; F, Ft. Sam Houston, Tex.

Major Wallace F. Randolph will proceed to Fort Adams, R. I., on public business connected with artillery practice (S. O. 274, Nov. 24, Div. A.)

4th Artillery, Colonel Henry W. Closson.

Hdqs., C, D, K., and L, Ft. McPherson, Ga.; B, Ft. Adams, R. I.; F, Ft. Riley, Kas.; E, Ft. Monroe, Va.; I, Jackson Bks., La.; A and M, Ft. Barranca, Fla.; G and H, St. Francis Barracks, Fla.

Capt. J. B. Campbell has his battery (I) this week at Fort St. Philip, La., for a tour of heavy artillery practice, which cannot be had at Jackson Barracks.

1st Infantry, Colonel William R. Shafter.

Hdqs., A, B, E, G., and H., Angel Island, Cal.; C and D, Benicia Bks., Cal.; F, Ft. Gaston, Cal.

1st Lieut. Louis P. Brant will report to the C. O. 1st Inf. on public business (S. O. 100, Nov. 17, D. Cal.)

master. The amateur photographers are rather severe on poor Lo.

Lieut. and Mrs. Lyman have returned from a very pleasant visit to El Paso, where they were accompanied by Mrs. Clarke.

Lieut. Irwin went on six months' leave Nov. 11.

(Correspondence of the Army and Navy Journal.)

FORT WARREN, MASS.

The soldiers at Fort Warren are now preparing for their Thanksgiving eve dance. Both those who wear the shoulder straps and those who do not share in the festivities, and every member of the command sends out invitation cards to whomsoever he wishes. As the guests are thus drawn from a very wide circle, there is no more formality about the affair than the proper conduct of a regular military ball requires. The steamer *Rosolite* makes special trips to accommodate visitors from the city. The ball will be held in one of the commodious rooms, which will be decorated with flags and resplendent with the glitter of swords and bayonets. Good music and a jovial time generally are assured. The grand march and circle is to be led by Mr. John P. Noonan, secretary of the club, and Miss Mamie McDermott, the daughter of the president of the club. This ball is to be but the first of a series of monthly entertainments extending throughout the winter.

(Correspondence of the Army and Navy Journal.)

FOOT BALL AT DAVID'S ISLAND.

The David's Island foot ball club visited New Rochelle on Saturday last and defeated the home team, after a fine game, by the score of 1 goal to 0. Neither side had scored at half time. With the wind with them, New Rochelle had the best of the game, until a pretty piece of play between O'Keefe, Kerr, McCullough and Blaney resulted in the latter kicking a goal. The home team made great efforts to score, but the fine defence of the soldiers completely foiled them. The David's Island F. C. would like to arrange a series of games with any team belonging to the forts in N. Y. harbor. They play under Association rules.

FORT LEAVENWORTH.

The Kansas City Times says:

The family of Lieut. Seyburn, adjutant 10th Inf., have arrived at Santa Fe from an extended visit to Detroit.

At the annual meeting of the officers' mess the following officers were elected: President, Col. E. F. Townsend, 12th Inf.; vice-president, Lieut. Col. Geo. B. Sanford, 9th Cav.; secretary and treasurer, Lieut. Hughes, 13th Inf.; council, Capt. Hathaway and Lieuts. Wagner, Evans, Barth, and Wright.

The chances are more than good that Lieut. Col. Corbin, of the A. G.'s Dept., will not go to Arizona, but remain with Gen. Miles. Note the despatches.

Lieut. James F. Bell, 7th Cav., has reported to Col. Townsend for examination before the board. Lieut. Bell, upon conclusion, will avail himself of six months' leave. He is interested in some valuable mining property and is likely to resign from the Army upon expiration of the leave.

An 8-pound Wren has appeared in the family of Lieut. Wren. All the Wrens are consequently happy.

Every member of the infantry and cavalry school has applied to join his regiment in case of Indian outbreaks and troops are ordered in the field.

The General Court-martial in session for the past few days investigating a controversy between two student officers has finished its work.

The Examination Board, of which Lieut. Col. Bates, 13th Inf., is president, met Nov. 21 for the examination of Lieut. Hughes, 13th Inf.

Dr. Osborn, of Boston, Mass., and Mr. Dewar, of Kansas City, are guests of Capt. Moore, 9th Cav.

An exhibition game of "Kriegspiel" took place in Sherman Hall, under the direction of Capt. H. G. Brown, 12th Inf., Nov. 22.

Lieut. Ulme, 12th Inf., left Nov. 22 for Fort Yates to join Co. G.

Lieut. A. J. Perry, 9th Cav., left Nov. 24 for Fort Robinson, Neb., to join Troop I.

The school staff have been examining the student officers in engineering.

The fourth annual meeting of the Army Co-operative Fire Association will take place Jan. 12, 1891.

The garrison witnessed, Nov. 22, an interesting fox chase in which 12 ladies and 20 gentlemen participated. Lieut. W. S. Scott, 1st Cavalry, was master of the chase, and Lieut. Smoke and Miss Lacey were the lucky ones.

As Mrs. Sanford was returning to the post with her daughter from the city Nov. 22, the horse attached to the vehicle shied at a passing bicycle, throwing its occupants against a large tree. Fortunately the injuries sustained were very slight, and Mrs. Sanford, together with her daughter, walked home.

The New York Herald of Nov. 23, in an illustrated article depicting the "Army Officers' War College," says:

There is one social phase of Army life that is alone seen at Fort Leavenworth—namely, a post mess, where most of the students live. It is in the club building, and is one of the attractions of the post. The club occupies a large two-story brick building, handsomely and comfortably furnished and conducted as nearly "club-like" as possible. It is there that all care and annoyance are banished (at least for the time being) and good fellowship and comradeship reign supreme. And when after taps had sounded and the post had taken on its mantle of darkness and quietude, it was there that we loved to listen, smoke our last cigar and give ourselves up to the reveries and dreams so dear to the heart of the Army bachelor.

FORT MCKINNEY, WYOMING.

A CORRESPONDENT writes:

Troop D, 9th Cav., with Col. Henry, Capt. Loud, Lieuts. Powell and Benton, have left for the scene of Indian troubles. In case of an outbreak, this part of the country is the one needing troops, and the people are left without troops in the favorite haunts of the Indians, and where they will be the first to come.

FORT SUPPLY, I. T.

Stray Shots for Nov. 16 has the following items:

Lieut. Fox commanded the escort in attendance upon the paymaster and his money from Woodward to Supply on Monday.

Lieut. Koops has been placed in command of Indian Scouts, vice Lieut. Goe, relieved. This makes the former a mounted officer.

Major Bash and his genial clerk, Mr. Lowe, arrived on Monday and were the guests of Lieut. and Mrs. Goe. The major left \$12,000 with the command.

Sergt. Siefert, of Troop F, whose pen makes a beautiful map, has been detailed on special duty to assist Lieut. Koops in establishing the reservation line.

A hearty welcome to Gen. and Mrs. Augur, who are here for an extended visit with their son, Capt. Augur. With them came the captain's daughter, Miss Carrie, who returns from school in Washington. The band sought the earliest opportunity to serenade them.

Lieut. Cecil and family arrived on Wednesday from Detroit, where the latter part of their four months' leave was spent. The trip seems to have benefited them all and the lieutenant looks particularly well. The band gave them a musical welcome the day after their arrival.

A large company gathered at the home of Col. and Mrs.

Bryant last week to extend their congratulations and good wishes on the birthday of Miss Lucy Bryant. The evening was most pleasantly spent and with great unanimity the entertainment was pronounced a success.

There was considerable rejoicing about Headquarters this week, upon the receipt of an appropriation for buildings and repairs. This does not look much like the early abandonment of Supply, in spite of the prophet who said the post would not be continued another year.

FORT HANCOCK, TEXAS.

A PRESS despatch says:

The members of Co. H, 5th Infantry, at Hancock are taking a lively interest in signalling, and some of them are fair operators on the telegraph to the post.

Major James E. Roche, Paymaster, U. S. A., with two gentlemen from El Paso, have gone on a 10 days' hunt.

Capt. William W. Rogers, retired, late of the 9th Infantry, arrived in El Paso a short time ago and is very ill. He is accompanied by his wife, and everything possible is being done for his comfort.

Capt. James N. Wheeler, 2d Cav., accompanied by his sister, Miss Mary Wheeler, passed through here recently, en route to join his troop at Hushuba.

Gen. Grierson, U. S. A., retired, was in El Paso recently attending to some private business and looking up old friends.

Lieut. Charles G. Lyman, 2d Cav., post quartermaster and commissary at Fort Bowie, Ariz., accompanied by his wife and her mother, Mrs. Jeremiah Clark, of San Francisco, spent a week in El Paso.

2d Lieut. Frederick C. Kimball, 5th Inf., returned last week from leave, accompanied by his wife and three children.

BOISE BARRACKS, IDAHO.

A CORRESPONDENT writes:

Our present expensive water system appears to be a failure, the water having given out almost entirely.

Major Lydecker, Corps of Engineers, has been hard at work engaged in definitely locating the line of the reservation as determined by the survey of 1888.

Very few men of either Co. C, 4th Inf., and Troop F, 4th Cav., have applied for their discharge, for though the post is old and tumble down and badly in need of general repairs, all find Boise, with its hospitable little city near, a delightful station, and many are much concerned over the rumor that the post is shortly to be abandoned.

FORT BUFORD, N. D.

A CORRESPONDENT writes:

Almost the only recreation afforded the weary mind and body in this country is the hunting, which is fair in its season. Recently it was decided to have amateur theatricals. Dr. Havard, the post surgeon, was promptly made stage manager. Several plays were examined, and the choice finally fell upon the well-known comedy, "Caste."

The different parts were assigned as follows: Hon. George D'Alroy, Lieut. McGunaghe; Capt. Hawtree, Col. Crofton; Docles, Lieut. Cooke; Sam Gerridge, Lieut. Kreps; Marquise de St. Maur, Miss Ethel Crofton; Polly, Miss Gabrielle Crofton, and Esther, Mrs. Hedberg. The play was presented at the Post Theatre on the evening of Nov. 11. The performance was in the highest degree creditable to all concerned. After the close of the play the ladies and gentlemen of the garrison were entertained by Mrs. Crofton at supper. Singing by Mrs. Hedberg and Capt. Rodman, 20th Inf., added not a little to the pleasure of the evening.

FORT RILEY, KAS.

The Junction City Republican says:

Lieut. J. F. Bell left Sunday for Mexico.

Lieut. W. W. Robinson, Jr., 7th Cav., and family have gone to Jefferson Barracks, followed by the best wishes of every officer and enlisted man of the post.

The concert given by the ladies and officers of the garrison last Sunday evening, notwithstanding the gloomy weather, was well attended.

The mess hall, which is under the control of Lieut. Bullock, 7th Cav., is getting along nicely. The men are well pleased with their fare, and if vegetables could be bought at anywhere near a reasonable figure all would be well.

FORT DOUGLAS, UTAH.

COL BLUNT's return was the occasion of a serenade being tendered him by the regimental band.

Mrs. Clara Norris, an eloquent and reader of national note, favored the enlisted men with a special entertainment on the evening of Nov. 11.

Dr. De la Meza, a young practitioner, is at the post, the guest of Major Wolverton.

The post canteen employs seven men and one sergeant, Lieut. Lassiter, 16th Inf., in charge. The profits are regularly distributed and average \$70 to a full company.

1st Serat. Loring Bond, Co. H, 16th Inf., has been informed that he is colonel's choice for the position of sergeant major and in due course of time will receive his warrant to that effect.

Extensive preparations for Thanksgiving dinners are being made.

We are on the qui vive for the Inspector General's report concerning us. For a full week Major Bacon, 7th Cav., put us through each and every manoeuvre known to the soldier.

Lieut. Gregg's old signal class has graduated in the heliograph and flag signalling and a new class organized. Lieut. Gregg is a thorough instructor, a courteous gentleman, an excellent officer, a credit to the Army, and an honor to himself.

FORT STANTON, N. M.

POST Q. M. SERAT. CHAS. HARVEY, U. S. A., recently on the relief of Lieut. G. L. Scott, 6th U. S. Cavalry, as post quartermaster, handed a testimonial by that officer, in which he said: "Considering the amount of repairs and constructions at Fort Stanton during the three years you have been with me—which work you have almost alone projected and carried through—no testimonial which I could give you could speak for your honesty, efficiency, and fidelity in half such flattering terms as those improvements, and the perfect condition of all property and papers pertaining to the Q. M. Department, as proven by transfer to my successor, can only be obtained by one who understands the business thoroughly and is honest and faithful to himself and his employers."

SAN CARLOS, A. T.

LIEUTENANT HARRISON, 2d Cav., has returned from a trip to the Fort Verde Reservation, to which place he conducted a party of Mojave, Yuma and Tonto Indians. The recent visit of Gen. A. McD. McCook, who was accompanied by Gen. T. J. Morgan, the Commissioner of Indian Affairs, afforded these Indians an excellent opportunity to lay their wishes before those officials, of which they availed themselves during a "pow-wow" that took place at the Indian Agency buildings.

Lieut. Reinhardt, 24th Inf., has gone to Danville, N. Y., on a month's leave.

Military Order of the Loyal Legion.

The Washington Commandery was organized Nov. 18 at Tacoma. Lieut. W. B. Blackwell was elected commander. Dr. H. C. Boatwick treasurer, and C. H. Boynton recorder. The new Commandery begins its existence under the most favorable auspices, with a large number of applications for membership.

THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy

JAMES R. SOLEY, Assistant Secretary of the Navy.

NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

N. Atl. Station.—R. Adml. Bancroft Gherardt.

PHILADELPHIA, 1st rate, 12 guns (flagship), Capt. Frederick Rodgers. At New York Navy-yard for repairs.

KEARSARGE, 3d rate, 7 guns, Comdr. H. Elmer. Arrived at Key West Nov. 20.

DOLPHIN, 3d rate, 4 guns. Comdr. Yates Stirling. At New York Navy-yard for repairs.

PETREL, 4th rate, 4 guns. Lieut. Comdr. W. H. Brownson. At Hampton Roads Nov. 27. The Commandant, Navy-yard, Norfolk, reports, Nov. 23, that the Petrel has left the Yard to take in powder ready for sea.

ENTERPRISE, Comdr. G. A. Converse. Arrived at Colon Nov. 14.

Squadron of Evolution.—Acting Rear Admiral John G. Walker.

CHICAGO, flagship, 1st rate, 14 guns, Capt. H. B. Robeson. At New York Navy-yard for repairs.

ATLANTA, 2d rate, 8 guns, Capt. John A. Howell. At Norfolk for repairs.

YORKTOWN, 3d rate, 6 guns. Commander F. E. Chadwick. At Navy-yard, New York.

BOSTON, 3d rate, 8 guns, Captain J. O'Kane. At Navy-yard, New York, for repairs.

S. Atl. Station.—Rear Admiral W. P. McCann.

Mails for Penacola, Tallapoosa and Essex should be addressed to the care of the U. S. Consul, Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

PENSACOLA, 2d rate, 16 guns (flagship). Captain Albert Knutz. Arrived at Montevideo, Uruguay, Nov. 24.

TALLAPOOSA, 3d rate, 6 guns, Comdr. James M. Forsyth. At Buenos Ayres at last accounts.

ESSEX, 3d rate, 6 guns, Comdr. A. F. Snow. Arrived at Montevideo, Uruguay, Nov. 24, as reported by cable.

Pacific Station.—Actg. Rear Adml. Geo. Brown.

Address all mail (unless otherwise noted) for the present to Navy Pay Office, San Francisco Cal.

CHARLESTON, 3d rate, 10 guns, flagship, Capt. G. C. Remy. At Honolulu Oct. 24, expecting to leave for San Francisco on arrival of the Mohican at Honolulu.

IREQUOIS, 3d rate, 7 guns, Comdr. Joshua Bishop. At Honolulu Oct. 27. Expected to make a cruise to Lanai, Hawaiian Islands, before leaving for Samoa.

MOHICAN, 3d rate, 10 guns, Commander E. M. Shepard. At Apia, Samoa, Sept. 20, and left same day for Pago Pago. Was expected at Honolulu shortly after that date.

PINTA, 4th rate, 4 howitzers. Lieut.—Comdr. O. W. Farenholt. At Sitka, Alaska.

Asiatic Station.—Rear Admiral G. E. Belknap.

Mails should be addressed, Yokohama, Japan, unless otherwise noted.

ALLIANCE, Commander H. O. Taylor. Left Amoy, At Yokohama, Sept. 22. Left for Ponape, Caroline Island, Sept. 25.

MONOCACY, 3d rate 6 guns. Comdr. M. L. Johnson. At Chemulpo, Korea, Oct. 4.

OMAHA, 2d rate, (flagship), 12 guns, Captain B. J. Cromwell. Left Chemulpo Oct. 17 for Yokohama. Will be ordered early next year to San Francisco, Cal., for repairs.

PALOS, 4th rate, 7 howitzers. (Lieut. Comdr. Joseph Marthon ordered to command per steamer Nov. 13.) Lieut. Thos. S. Phelps, temporarily commanding. Will return to United States upon reporting of his relief. Arrived at Chemulpo, Korea, Sept. 24.

SWATARA, 3d rate, 8 guns, Comdr. P. H. Cooper. Left Yokohama Oct. 29 for San Francisco.

Apprentice Training Squadron.

JANETOWN, 12 guns, Comdr. B. P. Lamberton. Arrived at Hampton Roads Nov. 12. She will cruise in Chesapeake Bay, going as far as Yorktown, remain until Jan. 1, and then sail for winter cruise in West Indies. Was at Lee Hall, Va., Nov. 22.

PORTSMOUTH, 12 guns, Comdr. John Schouler. At Hampton Roads, where she will remain until Jan. 1, and then sail for winter cruise in West Indies.

RICHMOND, 2d rate, 14 guns, Captain O. F. Stanton. At Newport, R. I., (receiving ship for boys).

YANTIC, 3d rate, 4 guns, Comdr. Chas. H. Rockwell. At Navy-yard, New York.

MINNESOTA, 19 guns, Capt. G. O. Wiltse. Receiving ship for boys. At present at the Brooklyn Navy-yard, N. Y.

On Special Service.

AND AWAITING ASSIGNMENT.

BALTIMORE, 1st rate, 10 guns, Captain W. S. Soley. A cable announces her arrival at Naples on Nov. 20.

CUSHING, Torpedo Boat, Lieut. C. McR. Winslow. At Navy-yard, New York.

DESPATCH, 4th rate, Lieut. Wm. S. Cowles. At New York Nov. 13.

FORTUNE, tug, Lieut. Comdr. A. J. Iverson. Vessel engaged in carrying freight between the several Navy-yards. At New York at last accounts.

MICHIGAN, 4th rate, 6 guns, (2 howitzers and 2 galleons). Commander Geo. H. Wadleigh. At Erie, Pa., last accounts.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for boys. At New London, Ct., Oct. 12, where she will remain during the winter.

RANGER, 3d rate, 1 gun. Comdr. Geo. E. Wingate. Arrived at Corinto, Central America, Oct. 19.

THEtis, 3d rate, 2 machine guns, Lieut. Comdr.

Charles H. Stockton. Arrived at San Francisco Oct. 27.

VESUVIUS, dynamite cruiser, Lieutenant Seaton Schroeder comdr. At New York. Will have defects in stern and bow plates, caused by recent collision, made good at the Navy-yard.

SARATOGA, Comdr. F. M. Green, nautical school-ship of Pennsylvania. At Philadelphia.

ST. MARY'S, sails, 8 guns, Comdr. A. S. Crowlins, N. Y. Public Marine School. In the East River at foot of 31st street.

SAN FRANCISCO, 13 guns, Capt. Geo. C. Remey, comdr. At Mare Island Navy-yard. Will probably be assigned as flagship Asiatic station. It will probably be Jan. 1 before she is in all respects ready for sea.

ALERT, 3d rate, 6 guns, Comdr. R. D. Hitchcock. At Mare Island yard. Will probably be assigned to Asiatic station. She is now ready for sea. A sensational report comes from San Francisco, Cal., Nov. 27 about the rotten condition of the vessel. Among other things, it is said that when the vessel was placed in the drydock recently it was discovered that she was absolutely rotten. The tools used to remove seaweed and barnacles from her bottom went entirely through, and a section 20 feet square was knocked entirely out amidships. The vessel is expected to be ready to sail on a foreign cruise about Dec. 10.

Receiving Ships, Iron-Clads, Etc.

DALE, Comdr. Wm. Bainbridge-Hoff. Receiving ship. Navy-yard, Washington, D. C.

FRANKLIN, 30 guns, Capt. John F. McGlensey. Receiving ship. Navy-yard, Norfolk, Va.

INDEPENDENCE, 7 howitzers, Captain Byron Wilson. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy Tug. Mate B. G. Perry in command. Annapolis, Md.

ST. LOUIS, sails, Captain E. C. Merriman. Receiving ship. Navy-yard, League Island, Pa.

VERMONT, 1 gun, Capt. L. A. Beardslee. Receiving ship. Navy-yard, New York.

WABASH, 20 guns, Captain E. O. Matthews. Receiving ship. Navy-yard, Boston, Mass.

The armor-clads *Ajax*, *Catfish*, *Canonius*, *Lehigh*, *Manhattan*, *Wyandotte*, in command of Comdr. J. D. Graham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

VARIOUS NAVAL ITEMS.

THE U. S. S. cruisers *Atlanta*, *Chicago*, and *Yorktown*, in command of Rear-Admiral Walker, will, it is expected, be ordered to proceed on a cruise to the West Indies in January next.

THE President has appointed Capt. F. M. Bance, U. S. N.; Col. C. B. Comstock, U. S. A.; Sidney Perham of Maine, David T. Little of Illinois, and Lieut. R. M. G. Brown, U. S. N., a commission to select a suitable site for a drydock at some point on the shores of the Gulf of Mexico or the waters connected therewith.

THERE was a meeting of the Naval Advisory Board this week at the Navy Department to finally pass upon some formal matters in regard to the appropriation for experiments with the Clarke defective armor. This, it is believed, finally winds up the affairs of the Advisory Board, which has been in existence now since 1881.

IN the matter of mercantile shipping the United Kingdom has since 1850 made far greater strides than any other country. Then they were only about 6,000,000 tons ahead of the United States; in 1889, 39,500,000 tons, or more than double. The United States, whose total foreign trade appears to amount to \$32,250,000 a year, or nearly one-half of that of the United Kingdom, only carries about 23.9 per cent. of that trade under their own flag, the remaining 76 per cent. being carried for the most part in British bottoms.

AT the Navy Department on Nov. 24 a board was convened to formulate bills to be enacted at the coming session of Congress to carry out the recommendations of the U. S. delegates in the International Marine Conference in so far as they referred to matters coming within the jurisdiction of the Navy Department. The board consisted of Capt. F. V. McNair, superintendent of the U. S. Naval Observatory, chairman; Lieut. Comdr. Richardson Clover, the Hydrographer of the Navy, and Lieut. V. L. Cottman, secretary of the late International Marine Conference.

THE Engineer says: "The assertion of a prominent Frenchman, some time back, that 20 fast and efficient cruisers would ruin the commerce of Great Britain, seems to have had some influence on the shipbuilding programme, for at this moment there are more than that number in France complete and building, with a speed of 15 knots and upwards. We consider the French have shown a more accurate perception of the necessities of war by placing speed before all things in their cruiser construction; where they have failed is in having retained wood so long for the hull. It is satisfactory to know that, in this respect at any rate, we have always been in advance; while as regards speed, though we have much leeway to make up, our present programme shows its importance is now as well understood as it is across the Channel."

Messrs. YARROW and Co. have just completed a contract with the Argentine Government for six first-class torpedo-boats and eight second-class. The first-class boats are 130 ft. in length by 13 ft. 6 in. beam at water-line. Five of these, fitted with triple-expansion engines, have passed successfully their official trials, consisting in a continuous run of two hours' duration without stoppage of any kind, fully equipped for service. The speeds attained, as reported by the Engineer, were as follows: Knots—23.078, 23.560, 23.371, 23.371, 23.181; mean 23.312 knots. The last or sixth boat Messrs. Yarrow and Co. have fitted with quadruple-expansion engines, with a view to test the comparative merits of this type of machinery. This boat, the *Bathurst*, attained a speed on six runs of 24.5 knots; on the two hours' run 24.4 knots per hour. Revolutions on the mile,

433 per minute; on the two hours' run, 432. The mean air pressure was a little over 2 in.; the mean steam pressure 199 lb. per square inch.

NAVY GAZETTE.

Ordered.

Nov. 21.—P. A. Engineer M. H. Crawford, to the receiving ship Independence.

Nov. 23.—Passed Assistant Surgeon E. H. Marsteller, to the Petrel.

Detached.

Nov. 22.—Paymaster Stephen Rand, from the Mohican on reporting of relief and ordered to return home and report arrival.

P. A. Paymaster John C. Sullivan, from the receiving ship Independence and ordered to the Mohican per steamer of Dec. 5 next.

Nov. 24.—Lieutenant C. W. Bartlett, from the Ranger and ordered to the Thetis.

Lieutenant Wm. H. Beebler, from the receiving ship Independence and ordered to the Ranger.

Lieutenant A. W. Grant, from duty at the Union Iron Works, San Francisco, and placed on waiting orders.

Lieutenant Hanson R. Tyler and Ensigns John D. McDonald and H. E. Parmenter, from receiving ship Independence and ordered to the Mohican per steamer of Dec. 5 next.

Nov. 26.—Ensigns L. C. Bertolette and Edward H. Durell, from the Coast Survey and placed on waiting orders.

Revoked.

Orders of Paymaster George H. Read, to the Fish Commission steamer Albatross, and ordered to duty in charge of the Naval Clothing Factory at the Navy-yard, New York.

Leave.

Granted to Assistant Engineer Wm. Stuart Smith for two years, from Dec. 18 next, with permission to leave the United States.

Resigned.

P. A. Surgeon Francis S. Nash, to take effect on Nov. 23, 1891; detached from the Petrel and granted leave until that date.

Furlough.

P. A. Paymaster Frank H. Clark, extended for six months from Dec. 1 next.

Appointments.

Adrian R. Alfred, to assistant surgeon in the Navy, with the relative rank of ensign.

NAVAL BUREAU OF STEAM ENGINEERING.

ENGINEER-IN-CHIEF GEO. W. MELVILLE, U. S. N., in his annual report gives an account of the details of the expenditure during the year by the Bureau of Steam Engineering of \$574,878.89. Plans and specifications have been prepared for vessels with an aggregate of 82,300 I. H. P. The work entailed has often compelled the labor of the Bureau officers after office hours and on holidays. Nearly all the machinery now building for the Navy is from Bureau designs; and that of the 16 vessels for whose construction bids have been received in the last 18 months for but two have designs for machinery been submitted by the bidders, and in both these cases the Bureau's designs were adopted. A description of the work done on the several vessels of the Navy and the machinery under construction and the condition of their machinery and the work at the several Navy-yards is given in detail.

Concerning the personnel, we are told that the insufficiency in the number of engineer officers is still more apparent than it was a year ago and the former recommendation for an increase is repeated, with emphasis. The number of vessels is increasing and, says the report:

As had been foreseen, the worry and anxiety undergone by these officers in their endeavors to keep things going and in order, with the insufficient number of trained men at their disposal, has proved too much for some of them and they are breaking down. A policy which leads to such results can only be productive of disaster to the Service. It requires a very simple calculation to show that the present legal numbers in the Engineer Corps will not be sufficient to properly officer the ships now in commission and those for whose construction appropriations have already been made, and this without taking into account the number required for shore duty and to provide for sickness and an occasional leave, etc. Something must be done and done promptly, or we shall not only have some serious break down to repair which might have been avoided, but also an accident more than likely to be attended with loss of life.

We not only need a very much larger number of officers in the Engineer Corps, but we also need a very much better course of instruction for the young men who are each year appointed into it. It is sometimes asserted that educated engineer officers are not needed for sea duty; that practical mechanics can do the duty just as well. Such statements can only be made by the assurance of ignorance.

In the naval battle of the future the engineer staff will have a difficult and important part to perform, and if there is failure in the engine room, no amount of skill and bravery on the bridge may suffice to avert disaster. Celerity of movement has decided many a naval battle and will decide many more, and the celerity of movement of a modern ship depends directly on the skill of her engineer officers. * * I am satisfied that it is the almost unanimous opinion of the most progressive officers of all corps that there should be a single mess for commissioned officers below command rank. There is nothing whatever against it except "that there has always been a storeroom." In the Army, wherever there is a regimental mess, we do not find 24 lieutenants in a smaller and more uncomfortable apartment, but as fully members of the mess as are the field officers.

The change would require very little readjustment of quarters, and in two ships, *Alert* and *Ranger*, it has been made, and we hear nothing of any deterioration of discipline in consequence.

The passage of the bill for the increase of the Corps, now before Congress, is asked for, and an assistant to supply the place of the Engineer-in-Chief during his absence is called for. A course of training for the enlisted men is required. New men should be taken and accustomed to forced draft from the beginning.

They should be comparatively young, not only to insure their being in full possession of bodily strength, but also that they may have as little as possible to unlearn (if such a thing is possible), and not be possessed with the idea that they know more than their instructor.

As training ships for both petty officers and firemen, it is recommended that one of the vessels of the *Albatross* class be used on each coast and their regular engineer force increased by as many supernumeraries as may be thought

advisable. Then the vessel should be kept under way as much as possible and always under moderate forced draft.

It is also recommended, as before, that on ships fitted with forced draft all the cruising be done under it till the firemen are thoroughly accustomed to it and can get the full power out of the boilers; after this, cruising might be done under natural draft, except occasionally for purposes of drill, a part of the boilers should be driven under forced draft.

The complications of modern machinery and the increase of auxiliary engines are presented as cogent arguments for an increase and improvement in the engineering force.

Blacksmiths and coppermiths must also be added to the engineer force on all the new vessels if that force is to be thoroughly efficient. To sum up the whole matter, we need more men in the engineer force; of these men a very much larger percentage must be skilled mechanics than formerly was necessary; we must establish a proper training system for them, and offer many more inducements for the better ones to remain in the Service.

According to the standards of the merchant service 420 men are required as the engineer force for the three cruisers, Nos. 6 and 12 and the *Charleston*, excluding cooks and messmen.

As the result of experiments with coil boilers we are told that:

The use of boilers of the coil type in vessels of small displacement and enormously large power, like torpedo-boats and cruisers, is already a necessity, and it will not be many years before their use will be general in all steam-vessels, merchantmen as well as men-of-war. The most serious objection to them is that they require clean fresh water for feed, but by the use of evaporators and filters this can be accomplished.

A full account is given in the report of the steam trials of new vessels.

In the *Baltimore*, *Philadelphia*, and *San Francisco* the Navy possesses the fastest and useful vessels, and the Department has cause for congratulation in their excellent performances, all of which have been free from serious mishaps or failures. This is believed to be due, in great degree, to not having carried the reduction in the weight of their machinery to the extreme that has been attempted in some foreign vessels.

It is urgently recommended that our new vessels be tried over and over again with different propellers, and that the steaming radius be tested with partial as well as a complete coal supply.

This question of coal endurance, or steaming radius, or radius of action, is creating great uneasiness abroad, and in some instances the manoeuvres have shown that a ship rated as good for 7,000 miles at 10 knots speed cannot really go 4,000 miles at eight knots; and even this may be reduced when the ship has been out of dock a short time longer.

A trial should also be made to determine the correctness of the statement sometimes made that there is not a single modern ship in any navy that can be run at full speed except with full bunkers, as when the coal supply is one-half exhausted and coal has to be transported some little distance and through numerous water-tight doors in bulkheads it cannot be got out as rapidly as the furnaces will consume it. * * * unless there is a very great improvement in the making of steel castings for machinery, and in a very short time, a return to cast-iron will be inevitable.

REPORT OF THE SECRETARY OF THE NAVY.

THE three most prominent features of Secretary Tracy's annual report to be made public on Wednesday next, are those relating to the personnel, the naval reserve and ships. Incontrovertible arguments are presented in favor of an increase in both the commissioned and enlisted force. Commodore Ramsay's recommendations in this direction, it is believed, are in the main approved. Engineer-in-Chief Melville's strong arguments in favor of an increase of engineers are heartily concurred in, and the measure now pending before the Naval Committee, which was drawn up by officers of the Engineer Bureau, substantially approved.

The passage of the bill, passed by the Senate and now pending on the House calendar, to increase the efficiency of the enlisted force is urgently recommended.

Considerable space is devoted to the necessity of creating a naval reserve, the plan proposed by the Wallace bill being specially advocated.

An interesting review is given of the progress made on the New Navy, and suggestions made for continuing the work. Recommendations are made for a number of torpedo boats and small cruisers. It is also made known that the Department favors an increase in the number of battle ships, but in the light of the large amount required for continuing work on the vessels already authorized it is thought that no very large amount for this purpose will be insisted upon at the coming session. The estimate for continuing work on the vessels already authorized aggregate about \$17,000,000—\$5,000,000 for construction of hulls, \$5,000,000 for machinery and about \$1,000,000 for armament.

THE MARINE CORPS.

COL. C. D. HENS, commanding the U. S. Marine Corps during the illness of Col. McCawley, in his annual report, dated Oct. 1, 1890, states that at that date there were 1,950 men in the corps, 918 of whom were on board ships in commission, and 1,032 at the several shore stations, which include the sick and prisoners. During the past year there have been 948 enlistments, 85 re-enlistments, 19 re-enlistments from the Army, 16 deaths, 387 discharges, 530 desertions and 3 enlisted men retired. It is recommended that the number of privates be increased by from 200 to 300, and the number of second lieutenants to twenty, an increase of 8. The retention of pay and a change from the Army to the Navy ration will prevent many desertions. An appropriation has been made for the erection of a marine barracks at Sitka, Alaska, and plans prepared by Capt. F. H. Harrington to commence the erection of the barracks.

INFORMATION has been received at Ottawa of the second season's work of H. M. S. *Egeria*, deputed to make an examination of the bed of the Pacific Ocean, with the object of discovering the best route for a cable from Canada to Australia. Last year was spent at Auckland, New Zealand and the Fiji group. The deepest soundings obtained south of the equator was 4,530 fathoms. Unfortunately, the nature of the bottom at this great depth was lost, through the wire parting when heaving in. Three islands of the Phoenix group were surveyed in sufficient details to ascertain their suitability for a telegraph cable. The vessel is now further engaged with the survey of the work, and the British flag has been hoisted on all islands visited in the Pacific which are not under the protection of any other power.

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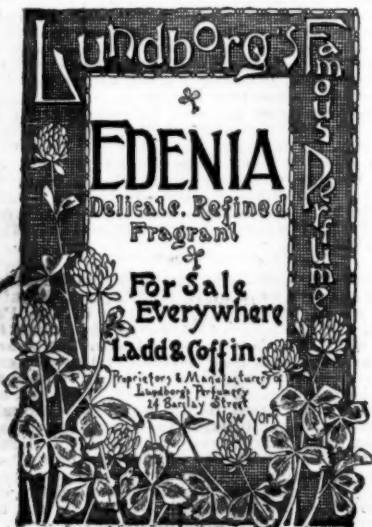
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The New York Herald has entered upon a crusade against "pension frauds," holding that whereas our gifts should be generous and ungrudging and we can afford to pay the brave boys well and not be mean or niggardly, still "the time has come to call a halt." The only safe rule to follow, says the Herald, "is this—to the permanently disabled, enough to keep them from want, plus a nation's gratitude; to the able bodied, all possible honor; to bummers and deserters, no pension, no recognition, only the disgrace which they brought on themselves by their cowardice and infamy."

A VALUED correspondent, lately on duty in the vicinity of New York City, says: "I hope you will continue to notice the United Service Club. Its growth has certainly been remarkable and it is being managed so far in a business-like way."

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ARMYNAVY.

CRITICISING THE NAVY.

THE Navy owe a debt of thanks to Lieut. W. F. Fullam, for the discussion he has started by his paper, read at the last meeting of the Naval Institute. It is obvious that something must be done to adapt the Navy to its new conditions, and it is certainly worth while to consider what Lieut. Fullam suggests without attempting to break the force of what he says by dogmatic denial. What he proposes is certainly legitimate enough. It is: 1st. To attract Americans and create a true national spirit afloat; 2d. To raise the standard and develop the type of man required under modern conditions in a navy which is a mere nucleus in times of peace; 3d. To improve the discipline and military efficiency by inspiring not only the officers, but the men, with a feeling of personal pride and interest in the service.

That reforms upon this line are desirable can hardly be questioned, whatever difference of opinion there may be as to their practicability. A correspondent, whose communication we are obliged to lay aside this week, argues that the fundamental difficulty is in the undisciplined condition of our people which especially unfits them for the restraints of naval life.

Lieutenant Fullam recognizes this difficulty but he thinks it can be met by adapting the Navy to our people instead of carrying further the vain struggle to compel the people to adapt themselves to the Navy. Proper concessions to national traits and institutions will, it is argued, convert the Navy from an international to an American service. Until these concessions are made there can be no American navy, properly speaking. It will continue to be a more or less mercenary service, inefficient in time of peace and lacking in the loyalty and respect essential to success in time of war.

His specific recommendations are that better quarters be furnished to the men and additional locker-room. No more ships should be built without flush decks, and all those not finished or building should be decked over without delay. This slight additional weight may reduce the speed, but the gain in the efficiency of the Navy by such a concession to the men will compensate ten-fold for the trifling loss of speed.

Better pay should be given, the condition of petty officers improved, opportunity for promotion offered, permanency in ratings established and the option granted of retirement after reasonable continuous service. The enlisted men should be inspired with the feeling of personal pride and interest in

the Service by holding out to them the hope of permanent and lucrative employment and the same certainty of reward and proper treatment in return for faithful service. To create this feeling among men-of-war's men should be the constant aim of the service afloat. This policy, as well as the necessity for the military training of sailors, requires, as Lieutenant Fullam thinks, the immediate withdrawal of the marines from service on board ship. Concerning this he says:

The recommendation of the board of organization to withdraw marines from ships of war, recognizing that they stand squarely in the way of the military development of the sailor, is the most important reform affecting the personnel that has ever been proposed; abolishing a pernicious, semi-convict system of discipline, and securing to petty officers and blue jackets their proper duties and their legitimate rewards on board ship; a reform that will tend to create some national feeling in the Navy; that will cultivate the marines' intelligence and win the hearty loyalty of 8,000 men by enabling them to feel that they may have a personal pride and interest in the Service, instead of being merely its scapegoats.

And the sailor and petty officer having been assigned their proper places in the organization and routine afloat, the commissioned officer, freed from petty duties that degrade his intellect, will bend his mind and devote his energy to the work that properly belongs to an officer. In short, brains and manhood will have the same chance in the Navy as in any other profession, which is not the case to-day.

Why should military instincts and training make a man less efficient as a sailor? Is it necessarily the case with an officer? Why should a slovenly bearing, bad habits and general untrustworthiness in military matters, be conducive to perfection in a sailor. It is not so. On the contrary, military training will make any man more efficient as a sailor—certainly as a modern man-of-war's man, and that is what is wanted first of all. It will cause him to obey an order the first time instead of waiting until it is three times repeated; he will obey a petty officer instead of entering into a long argument; he will be more attentive and inspiring, and for this reason it will be far easier to teach him than it is now.

The nautical training of apprentices and seamen need not be neglected. It is not proposed that the instruction in seamanship shall be less thorough. Training-ships should be full-figured, as Admirals Porter and Lucie declares, because the drill aloft certainly breeds qualities that cannot well be secured by any other training or exercise.

THE INDIAN TROUBLES.

MATTERS have been pretty lively this week in the Departments of Dakota, Platte and Missouri, and the troops have been kept constantly on the alert, Maj. Gen. Miles in Chicago and Gen. Brooke at Pine Ridge agency; but the latest accounts are more reassuring, and it seems, in the opinion of veteran Indian fighters, that there is no immediate danger of an outbreak. But Gen. Miles and his faithful troops, while hoping for the best, have made all the preparations within their power for the worst. Gen. Brooke has had an anxious time of it at Pine Ridge, but every one has confidence in so brave and sagacious a leader of troops. Many Indians have left the "ghost dances," and there is a lack of unanimity appearing, which bodes well for a speedy end of the excitement. Gen. Ruger's recent visit to Standing Rock, says a despatch from there, "had the effect of reducing Sitting Bull's followers by nearly one half, so that now he has not enough men to carry on a campaign if he wanted to."

Gen. Forsyth, with his regiment, the gallant 7th Cavalry, and a light battery of artillery, left Fort Riley by special train, Nov. 23, for Pine Ridge, arriving there with two batteries of light artillery Nov. 26. With these the total force is reported as 12 troops of cavalry, 6 companies of infantry, 2 batteries of artillery and one Gatling gun.

ONE important result of the order of Secretary Tracy redistributing the duties of the Department among the various bureaus was shown last year in the report of Commodore Walker, and is presented again this year in that of Commodore Ramsay, a synopsis of which appears this week. For the first time in the history of the Department under the bureau system, we have an officer charged with the supervision of all classes of officers, both line and staff. The Bureau of Navigation has become practically the Bureau of Personnel, and in Commodore Ramsay's report we find recommendations concerning all branches of the Service. That the number of rear admirals is too small has been long known, but there has been no one whose special business it has been to say so; and this is true of other matters touched upon in this report. Concerning the increase of engineer officers Commodore Ramsay's views are quite in accord with those of the Engineer-in-chief. That the present number is entirely insufficient is clearly evident, and no time should be lost in repairing the errors of the act of Aug. 5, 1882, in this regard. The questions of pay and quarters are also very important ones, and the recommendations made are such as will commend themselves to all fair minded persons. The inequality of compensation due to a want of an allowance for quarters is one that presses upon all

classes and grades of officers, while that due to unequal rates of pay received by officers of the same relative rank is distributed in the line among both higher and lower grades, and in the staff among the lower. It is too much to hope that in the coming session Congress will find time to attend to these pressing matters regarding the personnel of the Navy, but it will be gratifying to the Service if the Secretary should so far approve of them as to recommend their being looked into, and if the Naval Committees of the two Houses could be induced to investigate and report upon them it would be a distinct gain for the Service. It is possible that an unanimous report from the House Committee might command the approval of that body, and it is much to be desired that some steps be taken toward such a consummation.

THERE are no recommendations in the naval reports for the year more urgently demanding attention than those contained in the report of the Engineer-in-Chief, of which a synopsis appears elsewhere. With the increase of modern ships, and the improvement and extension of the engineering appliances on board of them, the demand for an increase and improvement of the force under the direction of our present able Engineer-in-Chief grows more and more imperative. If the story of our engineering experiences during the Civil War—when men to man our engines had to be picked up as they came—could be fully told, it would give additional emphasis to the very able argument of the Engineer-in-Chief. This argument in one word is: fewer engines or more men; less complication or better training. We hope that Congress as well as the Navy Department will give this excellent report the attention it deserves.

MAJOR E. B. BEAUMONT, U. S. A., Acting Inspector-General, Department of Texas, in a recent report to his chief says:

The precision in drill, considered so essential in Frederick the Great's time, finds no sympathy in modern tactics. It is simply pleasing to the eye, and productive of no useful results. The senseless practice of compelling the veterans of two or more enlistments to laboriously repeat fours right and left, and support arms, daily, by the side of undisciplined recruits, only gives pleasure to the martinet. Drilled troops only require 15 or 20 minutes a day to keep them in good form. Dress parades once or, at most, twice per week, and battalion drills once or twice a week, at proper seasons, would give the necessary school intervals, if schools are to be maintained. To make post schools useful commanding officers must be compelled to give them personal attention. At present the latter are content to detail an officer as a scape goat, and take no further interest in the matter.

Why, this is rank heresy.

THE second session of the Fifty-first Congress will convene on Monday next, Dec. 1. There is much that might and ought to be done for the two Services, for there are a number of important bills in an advanced stage of progress, but as a rule very little is accomplished at short sessions beyond the passage of the regular appropriation bills. In the JOURNAL of Oct. 18, 1890, page 123, will be found a full statement showing the status of pending military and naval legislation.

NEW YORK gave a hearty republican welcome this week on sea and on land to the Brazilian fleet, which arrived on Tuesday afternoon, and came up the bay on Wednesday. The Army and the Navy were in accord to emphasize the welcome and to carry out in letter and in spirit the desire of our Government that nothing should be left undone which might honor the occasion.

MAJOR-GENERAL SCHOFIELD's recent General Order "to encourage excellence in gunnery" announces a very thorough programme and will doubtless commend itself to the artillery arm. We have had in the past too few "gunners," and we look for the time when every artillery officer and every artillery soldier will be a thorough "gunner," ready for any emergency.

AN Army officer writes: "I was very much impressed by the evident truth and reason of the article in your issue of Nov. 8 on 'The Army and its Future,' and desire to express my admiration for the views of the Company Officer. In my opinion his article is worth more to the Service than all I have read for years in Service magazines."

"EVACUATION DAY" happened on Tuesday of this week, and was patriotically observed in New York

City. The Regular Army contributed its quota, Dillenback's efficient light battery of the 1st Artillery coming from Fort Hamilton *en grande tenue*, and firing the salute at the Battery.

THURSDAY of this week—Thanksgiving Day—was observed in the customary pleasant manner by the Services wherever practicable. Even the troops in the field had many pleasant reminders of the day, and enjoyed it as best they could.

A DESPATCH to the New York Herald from San Antonio says: "Something of a sensation in Army circles threatens to develop here shortly growing out of the recent promotion of certain enlisted men from the ranks to 2d lieutenants. A case in point is that of young Ord, son of the late General Ord. A few weeks ago young Ord was examined by the Army Board and promoted from sergeant to 2d lieutenant, and was assigned to a company of the 18th Infantry at Fort Clark. Colonel Lazelle, commander at that post, is preparing a protest against the reception of Lieutenant Ord as a commissioned officer in his regiment on the ground that his promotion was the result of a species of favoritism becoming too frequent in the United States Army. It is claimed by Army officers that the sons of rich men, politicians or Army officers, who fail to pass the examination for West Point, are enlisted in the Army with the understanding that after serving a short time in the ranks they are to be given undue preference over the ordinary private in the matter of promotion."

THE War Department has called a halt in the matter of discharges to enlisted men. Discharges after three years' service still go on, for under the terms of the law a soldier's request for his discharge papers at the end of three years cannot be denied. But the discharge by purchase clause and that feature of the War Department order for the benefit of the so-called veterans are not mandatory, and in view of the necessity for more troops in consequence of the Indian troubles, the Department is exercising its discretionary powers for the present, at least, by refusing to grant requests for discharge under these two conditions. The Army has been losing many of its best men under these provisions, and those of the new retirement law. Of the estimated number of 300 eligible for retirement 100 have been retired thus far. Eighty-five retirements have already occurred during the present month and there are a number of applications awaiting action.

THE English service papers report that the lost *Serpent* had an exceptionally good set of officers; that she was a comfortable and smart and efficient ship. The *Army and Navy Gazette* says: "Captain Dawson suggests her compasses were affected when she drew near the rocky coast, iron-bound in more senses than one. A pitch-dark night, and she touches the reef with a heavy sea running, then nothing can save her; no double bottom, compartments, or cellulose, in a ship of her size and material, could keep her afloat. We may be thankful that the old navigators and discoverers, and the seamen who made England what she is, sailed the seas in wooden ships—ships that often beat on the rocks for a week, and then got off and came into harbor in safety. Had these vessels been built of steel, it is highly questionable whether we should have finished the exploration of the globe by the end of the nineteenth century."

GENERAL BATCHELDER in his first annual report as Quartermaster General recommends the enlargement of the present quarters and the construction of new buildings at Madison Barracks, N. Y.; Fort Warren, Mass., and Presidio of San Francisco, and that further appropriations be made for the completion, without delay, of the buildings at Fort McPherson, Ga.; Fort Logan, Cal.; Fort Snelling, Minn.; Fort Leavenworth, Kas.; San Antonio, Texas; Fort Wadsworth, N. Y., and Fort Hamilton, N. Y. An increase of \$250,000 in the appropriation for transportation and \$150,000 for clothing is recommended.

A WASHINGTON despatch says: "A committee of ladies, appointed by the National Convention of the W. C. T. U. held at Atlanta, called on the President and Secretary of War on Tuesday and urged them to issue an order forbidding the sale of beer and light wines at military posts. The committee said the Government was not only licensing and encouraging beer and wine drinking, but was even compelling commissioned officers of the Army to be 'overseers of military saloons, called canteens, thus giving a semblance of respectability to beer drinking.'"

We are glad to learn that the health of Brig.-Gen. C. H. Kelton is sufficiently restored to enable him to resume charge of Adjutant General's Office which he did on Nov. 28.

THE U. S. Supreme Court has a very interesting discussion of the status of an enlisted man in its decision rendered Nov. 17, in the case of John Grimley, who sought to escape from the obligations of enlistment upon the plea that he was over the fixed limit of 35. The court holds that this is a mere arbitrary limit which the Government can waive in a particular instance, and that it does not lie in the mouth of any one above that age, on that account alone to demand release from an obligation voluntarily assumed. He cannot utter a falsehood to acquire a contract and plead the truth to avoid it, when the matter in respect to which the falsehood is stated is for his benefit. Only the injured party can obtain relief and a change of status by judicial action. In the case of Frank Morrissey, appellant, v. Major David Perry, the Supreme Court holds that a minor cannot himself secure release from an enlistment on the ground of minority. That right is reserved for his parent or guardian, whose control over him the Government will not disturb. Morrissey deserted and concealed himself for five years, but his mother not interfering he was not relieved from his liability to military control.

APPROPOS of the visit of the Brazilian men-of-war, the Baltimore Sun says: "It is hardly to be hoped the citizens of New York will pay any marked attention to the visitors. No spontaneous reception has ever been given in New York to foreign men-of-war. A few clubs will probably open their doors, and there the hospitality of the city will end. Should the squadron visit Baltimore or Boston, as it probably will, the officers will get an idea of what the hospitality of our people is at its best."

THE Salt Lake City Herald evidently thinks little of the Indian uprising, for it characterizes the reports as "sensational and the veriest twaddle." We cannot think, says the Herald, "that the Army officers themselves take any stock in the scare or that any soldier who is at all familiar with the Indians believes for a moment that the Sioux could be induced to go upon the warpath, surrounded as they are by troops and winter coming on. The foundation is the desire of some one to create a sensation."

A SOLDIER of the Engineer Battalion for working that old, old game, getting fictitious telegrams sent him announcing illness and death of a near relative (mother in this case) and thus obtaining sympathy and a pass, has gone to the guardhouse and hard labor for two months and been mulcted \$20. It is such smart fellows as these who by their little games (with few trumps) bring suspicion upon their honest comrades who may have, now and again, real occasion for privileges.

THE veteran soldiers of Pennsylvania are taking energetic steps to perfect a plan for the erection upon the battlefield at Gettysburg of a noble statue to Major-General Meade, the commander of the Army of the Potomac, and his eight corps commanders in that great battle, viz.: Generals Reynolds, of the 1st; Hancock, of the 2d; Sickles, of the 3d; Sykes, of the 5th; Sedgwick, of the 6th; Howard, of the 11th; Slocum, of the 12th, and Pleasanton, of the Cavalry Corps.

THE new code of punishment which Act. J.-A.-General Lieber has been preparing with the aid of Major Schwan, A. A. G., is nearly ready for submission to the President for his approval.

LATE ARMY ORDERS.

THE following transfers in the 3d Artillery are made: Capt. John G. Turnbull from Light Battery C to Battery E; Capt. James M. Lancaster from E to C.

Major-General Nelson A. Miles will report in person to the major-general commanding the Army on official business. 1st Lieut. George H. Sands, 6th Cav., at his own request, is relieved from duty at Fort Myer, Va., and will join his troop; 1st Lieut. H. J. Slocum, 7th Cav., is ordered before the Retiring Board in New York City; Lieut.-Col. Joseph C. Bailly, assistant medical purveyor, is detailed as member of the Board of Officers to meet at Fort Sam Houston, Texas, for the examination of officers to determine their fitness for promotion, vice Mosely relieved. (S. O., Nov. 25, H. Q. A.)

Capt. Jesse M. Lee, 9th Inf., will visit Fort Bidwell, Cal., to inquire into the necessity of continuing it longer as a military post. (S. O., Nov. 25, H. Q. A.)

Leave is extended Lieut.-Col. John J. Upham, 31 Cav., for one month. (S. O., Nov. 26, H. Q. A.)

Capt. Leonard Hay, 9th Inf., is transferred from Co. K to Co. E. (S. O., Nov. 26, H. Q. A.)

Col. Robert Williams, Asst. Adjt.-Gen., is relieved from duty at Chicago, Ill., and is ordered as assistant to the Adjutant-General of the Army in Washington, D. C. Capt. E. P. Ewers and F. D. Baldwin, 5th Inf., are ordered to report immediately for duty with the Comdg. General Div. Missouri. Leave is granted Asst. Surg. Wm. E. Hopkins for six months. Asst. Surg. James Pilcher, is ordered to temporary at Hdqrs. Division Atlantic. (S. O., Nov. 25, H. Q. A.)

The following named acting hospital stewards have passed examinations and have been recommended for promotion. They are given in order of merit. The class has an unusually high average of

percentage, which is due to the general good standing of candidates. Nicholas Lommel, Ft. Sherman; John S. Burns, Washington Bks.; Hugo L. R. Lehman, Ft. Sill, Archibald Robbins, Madison Bks.; Chas. W. Cramer, Eagle Pass; Edward M. Green, Ft. Lewis; Jas. Fields, Ft. Clark; Frank Anezanne, Ft. Clark; Alfred Levy, Ft. Riley; Smith McMullin, Vancouver Bks.; Frank K. Ulrich, Ft. Snelling; Gus J. Westerdaal, Ft. Huachuca; Walter S. Baker, Willets Point; John B. Capping, Ft. Grant; Joseph Tongue, Ft. Bayard; F. J. Wiswell, Presidio of San Francisco; Joseph Dykstra, Ft. Wayne; Patrick McGloin, Ft. Custer, and Robert Burg, Columbus Bks. (S. O., Nov. 25, H. Q. A.)

(Correspondence of the Army and Navy Journal.)

NAVAL ACADEMY.

ANNAPOLIS, MD., Nov. 27, 1890.

SATURDAY afternoon the Academy foot ball team played the Kendall College team, of Washington, which resulted in another victory for the cadets; score, 24 to 0. Of the visiting team, Taylor made many brilliant plays. On the cadets' side, good runs were made by Ford and Hartung, and fine rushes by Emerich.

The Academy team was in a crippled condition—Irvine, centre-rush, and Johnson, quarterback, being unable to play. The game Thanksgiving with Lehigh University was won by Lehigh, 24 to 4. The Lehigh men were much larger than the cadets. Friday the team leaves in a special car for West Point, to cross swords with the Army, as it were, on the foot ball field. This will have been the first time that the two Government institutions have had a chance to meet in any kind of sports, and the game naturally excites a great deal of interest in Army and Navy circles.

An elaborate programme of sports was carried out on Thanksgiving forenoon, the afternoon being reserved for the foot ball game.

Robison, '91, won the 100 yds. dash in 14.5 s.; the running broad jump, 16 ft. 10 in.; standing broad jump, 10 ft.; running high jump, 5 ft. 1 in.; hop, step and jump, 3.94 ft.

Pearson, '92, won the 16 lb. hammer throw, 59 ft. 5 in., and Robison was second with 55 ft.

Gelm, '94, won the putting 16 lb. shot, 29 ft. 4 in., and Pearson, '92, was second, 27 1/2 ft.; Emerich, '91, won in kicking foot ball, 139 ft.; Laws, '91, second, 128 1/2 ft.; Douglass, '92, won the 55 yds sack race. No time. Hasbrouck, '92, was second in the 100 yds. dash; Laws, '91, in the running broad jump; Reeves, '94, in the standing broad jump, and Laws, '91, in the running high jump and the hop, skip and jump.

Sunday afternoon Mrs. Comdr. Craig very pleasantly entertained a number of officers and cadets. Friday a delightful musicale was given by Mrs. Hendy in honor of the Misses Goodwin, of Bethlehem, Pa. Saturday evening a dancing party was given by Miss Southgate, which proved to be a very pleasant affair. A Japanese dinner by Mrs. Donig has been one of the features of the week.

The Misses Phyllis still continue their custom of giving some cadet entertainment every Saturday evening. Last Saturday it took the form of an exceedingly pleasant dancing party.

COLUMBUS BARRACKS, O.

An official visit was made Nov. 18 by Secretary of War Proctor, Colonel E. S. Otis, 20th Inf., and Lieut.-Col. M. I. Ludington, Q. M. Dept.

Capt. Constant Williams, 7th Inf., and 1st Lieut. John J. Haden, 8th Inf., have arrived.

Major G. W. Candee, Pay Dept., has paid the troops for October.

The depot school has been opened, with 1st Lieut. F. A. Smith, 12th Inf., depot adjutant in charge, and Sergeant Charles Clifton and Pvt. Charles Slough as school teachers. The attendance is quite large.

REVENUE MARINE.

THE cruising limits of the vessels of the Revenue Cutter Service designated by the President for this winter's work for the purpose of rendering aid to distressed mariners have been prescribed as follows:

The Woodbury, at Eastport, Me.,—from Robinson to Cape Elizabeth, Me.

The Dallas, at Portland—from Mt. Desert to Cape Ann, Me.

The Gallatin, at Boston, from Portsmouth, N. H., to Woods Hole, Mass.

The Dexter, at Newport—from Wood's Holl, through Long Island Sound to Whitestone.

The Grant, at New York—from Block Island, outside of Long Island, to the Delaware Breakwater.

The Hamilton, at Philadelphia—From Egg Harbor, N. J., to Body's Island, N. C.

The Crawford, at Baltimore—along Chesapeake Bay.

The Colfax, at Wilmington—from Body's Island south to Beaufort.

Orders were issued by the Secretary of the Treasury this week placing the Perry, Fessenden and Johnson, now in the lakes, out of commission for the winter from Nov. 30. The commanding officers have not been detached. The other officers have been disposed of as follows: From the Fessenden: 1st Lieut. W. C. Dehart, 2d Lieut. R. L. Reed and J. C. Moore, and Chief Engr. Vaiset, placed on waiting orders; 1st Asst.-Engr. W. H. Warren granted 30 days leave.

From the Perry—1st Lieut. W. J. Herring, Chief Engr. George C. Dereamer, placed on waiting orders. 2d Lieut. K. W. Perry to temporary duty on steamer Dallas at Portland; 2d Asst.-Engr. A. J. Howison, granted 30 days leave.

From the Johnson: 1st Lieut. J. H. Butt, placed on waiting orders and 2d Asst.-Engr. H. W. Speare to temporary duty on the Gallatin.

Secretary Windom has directed that the Iron revenue cutter now building by Chas. Reeder and Sons at Baltimore for service on the Texas station be named the *Galveston*. She will be launched in about two weeks.

REVENUE MARINE.

CAPTAIN LEONARD G. SHEPARD, Chief of the Revenue Marine Bureau, in his annual report to the Secretary of the Treasury, states that the performances of the regular duties of the revenue cutters has continued in a faithful and efficient manner. Thirty-six vessels have been in commission during the year, and their record of duty performed is as follows:

Miles cruised for the protection of the revenues, 238,112; vessels boarded and examined, 23,161, of which number 915 were found violating the law in some degree and incurred fines and penalties aggregating \$306,516; distressed vessels assisted 50, their cargoes aggregating in value \$2,500,000. Forty-three persons were rescued from drowning and 811 persons were on vessels assisted. Material aid has been rendered to the Life Saving Service by the revenue cutters, a distance of 9883 miles having been cruised in the performance of this special service. Expenditures for the year were \$397,038. Two new revenue steamers are under construction, one for New Bern, N. C., now nearly complete, and the other for Galveston, Texas, which should be completed in January or February next.

The Bear rendered valuable assistance to the whaling fleet in the Arctic, and the Rush did good service in Behring Sea.

Attention is called to the necessity of additional new vessels.

The following vessels will cruise upon the coast in the season of severe weather to aid distressed navigators: The *Galatin* at Boston; *Hamilton* at Philadelphia; *Dallas* at Portland; *Woodbury* at Eastport; *Crawford* at Baltimore; *Grant* at New York; *Dexter* at Newport; and *Colfax* at Wilmington, N. C.

A STRANGE INCIDENT.

To the Editor of the Army and Navy Journal:

DURING the retreat from the first battle of Bull Run Gen. Hunt lost a gold ring which he very highly prized. It was one of a number made for the officers of Worth's Division when forming part of the Army of Occupation, that held the City of Mexico at the close of the Mexico War. It is a pale yellow gold ring with a flat, green stone, on which is carved the American shield, with "1st Division" above the shield, and "Mexico" below. Inscribed on the inside is "H. J. Hunt, Worth's Div'n." Years went by and the loss was forgotten, the dear old general himself had joined that eternal, ever-increasing army of occupation beyond the grave, when lo! after a period of nearly thirty years had elapsed the ring was found. One day recently Mr. Thomas D. Addison, of Fairfax Court-House, Virginia, noticed that one of his cows walked in a very lame manner, there evidently being some foreign substance in her hoof. An examination developed the fact that the lameness arose from the ring in question, which was found firmly imbedded in the animal's hoof, and, strange to relate, uninjured. The ring was restored to the General's family, and it is needless to say will be regarded as a heirloom of more than ordinary interest. Had such an incident as this appeared in a popular novel, the idea would have been pooh-poohed as a marvellous stretch of the imagination, yet it is an actual occurrence.

DAVID FITZGERALD.

In connection with this we recall the fact that the late Capt. Thos. L. Brent, of the Army, once showed us the ring used at his wedding, telling us that it had been the wedding ring of his mother or grandmother, and that it had been lost and recovered after lying at the bottom of the Potomac off the Virginia shore for many years.

THE ARMY AND NAVY AUXILIARY.

To the Editor of the Army and Navy Journal:

THE oft occurring changes and partings in Army and Navy life have somewhat depleted the ranks of the "Ladies' Army and Navy Auxiliary" of Washington, D. C. As the annual meeting on Dec. 5, 1890, draws nigh, we feel it necessary, in order to carry on the work of sending bibles, prayer books, hymnals, libraries, and organs, etc., to soldiers and sailors, to enlist new members and to remind present members that, without the "sinews of war," we cannot successfully fight in the Master's cause. The absence for the winter of our esteemed president, Mrs. C. C. Augur, and the departure of our able secretary, Mrs. C. G. Sawtelle, and ex-secretary, Mrs. J. W. Clous, somewhat discourage the remaining officers, but we trust our absent members, as well as those in Washington, will kindly remember to send their annual dues before Dec. 5, and under new officers to be elected on that day, we hope to renew and enlarge our work.

It is proposed during this year, the fourth since our organization, to hold quarterly meetings, beginning with Friday, Dec. 5, at 11 A. M., in St. John's Parish Hall, Washington. Subscriptions or donations of money or books can be sent to

Mrs. J. C. KELTON, Secretary pro tem.,
1625 Mass. avenue, Washington, D. C.

INDIAN BREVETS.

To the Editor of the Army and Navy Journal:

THE various mention which has been made in the JOURNAL from time to time on this subject suggests the following: No officer may receive a brevet without the recommendation of a department commander; no actual engagement, hard campaigning, nor long Indian service can otherwise be considered. Like other officers, department commanders have held various opinions concerning brevet rank; some made no recommendations; others were liberal in that direction, and in some such recommendations were possibly included indiscriminately the names of all officers who were present with commands where Indians were killed; others ceased to make recommendations. Some of these department commanders are dead. There are among the "two thousand" whom you say have been connected with Indian campaigns, officers of good records of Indian service who have never been so recommended, and who never expected it. But it is possible now that the operation of this law may be a practical discrimination against this class of officers, and so defeat the object of the law itself. As the JOURNAL has already said though, it is only proper to wait until the names of the selected "one hundred and forty-four" have been published before drawing conclusions.

ONE OF GENERAL SCOTT'S ORDERS.

A REMARKABLE order written by Gen. Winfield Scott, U. S. A., is preserved in the Order Book of General Henry Dodge, now in the Iowa State Library. General Scott was in command of Rock Island when the cholera broke out there, and after various injunctions in this order as to sobriety and cleanliness, he adds this curious paragraph: "In addition to the foregoing the senior surgeon present recommends the use of flannel shirts, flannel drawers and woollen stockings; but the commanding general, who has seen much of disease, knows that it is intemperance which, in the present state of the atmosphere, generates and spreads the calamity, and that when once spread good and temperate men are likely to take the infection. He therefore peremptorily commands that every soldier or ranger who shall be found drunk or sensibly intoxicated after the publication of this order be compelled, as soon as his strength will permit, to dig a grave at a suitable burying place, large enough for his own reception, as such grave can not fall soon to be wanted for the drunken man himself or some drunken companion. This order is given as well to serve for the punishment of drunkenness as to spare good and temperate men the labor of digging graves for their worthless companions."

THE STATE TROOPS.

Correspondence on subjects appertaining to this department of the paper is always gladly received. The wishes of contributors as to the use of their names will be scrupulously regarded.

AN OBJECT LESSON IN DISCIPLINE.

The recent action of Capt. David Wilson, commander of the 2d Battery, N. Y., in that when the senior corporal had been guilty of insubordination and had used insulting language to the 1st sergeant in public drill, the following week after the formation for drill, call the said corporal to the front and centre, publicly reprimand him, cut off his chevrons and return him to the ranks as a private, is to be commended. What we wish to commend is the public method adopted to make the degradation of the corporal impressive and likely to be of benefit to those inclined to do likewise. But it should be universal in the case of the reduction of all non-commissioned officers convicted of offences against military discipline, and not a somewhat unusual mode of procedure. We occasionally hear some of our militiamen say: "It's no use trying to enforce Regular Army discipline in the National Guard;" the men wouldn't stand it." To this we can only say that while we are perfectly well aware of the difference of conditions between a Regular Army man and a militiaman, yet good soldiers cannot be made without a consistent system of discipline and that the National Guardsman—officer or enlisted man—who objects to its legitimate exercise should forthwith doff the uniform and give up the military pursuit. The true soldier, and we are sure that is what the great majority of National Guardsmen desire to become, will never object to a wholesome discipline which is of benefit to himself, his regiment, his State and his country. Recent events indicate the deplorable results which follow lax discipline and loose methods of administration.

Twelfth New York.—Colonel H. Dowd.

THE review, dress parade, promenade concert and reception, which took place at the armory on Thursday evening of last week, was largely attended and, generally speaking, very successful. Assembly was sounded at 8.15 p. m. Company formations were prompt, but the manual was slouchy. The equalization was delayed by the tardiness of the sergeant of the guard. Why this sergeant was required to report to the adjutant at 1st sergeant's call was somewhat of a conundrum to the many military spectators. As it was, this sergeant made a very poor showing. He was ill at ease, carelessly attired and seemed more intent on disposing of a mouthful of what we hope was chewing gum than to the directions of the adjutant. The equalization as perfected was 12 companies of 16 files front, and at 8.40 adjutant's call was sounded. In less than five minutes the battalion was under command of Col. Dowd, the formation being snappy and cleanly executed. Prior to this formation, which was as the three battalions peculiar to the 12th Regiment, invented by Col. Jones and used for the first time when the regiment took possession of its present armory, the battalions were formed in line—the 1st, Lieut.-Col. Miller on the west side; the second, Major Leonard on the north; and the third, Capt. Burrill on the east side of the drill room. The formation was in line of masses (about five yards interval) facing east from the march, the first or right battalion executing "close column on first company, right in front." The 2d battalion, from column of fours, was formed after two changes of direction by "To the right, close column of companies," while the third battalion, also from a column of fours, came into position by "On the left, close column of companies." It was assumed that in each of these formations the dress was to the right, which was tactically wrong, for in these movements the dress should be to the point of rest. The "present" was handsomely delivered, both to the colonel and the reviewing officer—Gen. O. O. Howard, U. S. Army. After the inspection of the column by Gen. Howard direction was changed by the left flank, the new brigade moved to the right in order to gain distance, then wheeled by fours to the front, and "pass in review, first company, first battalion, right forward, fours right," was directed by Col. Dowd. After circling the room the several companies were brought into column by "fours left," and passed the reviewing officer. Then again formed a column of fours, and then a column of battalions, facing east, when the final present was given. The march past was excellent, battalion and company distances well maintained, and alignments fair, but the officers' salutes, with the exception of the colonel and staff, were, in general, premature and many of them decidedly awkward. The third battalion carried off the honors of the review. As a total, the three battalion review was a complete success.

The command was then dismissed and ordered to reform for dress parade. This regimental formation was as bad, as was the brigade formation good, for at least half a dozen of the company commanders apparently forgot their positions in line as a 12 company regiment and floundered hopelessly about the room in column of fours and by company front. This lapse was inexcusable, for there has been no change in the rank of company commanders since the regiment last executed this ceremony in 12 companies, and the blunder of the formation could not even be ascribed to the lieutenants in command of the additional companies. The left wing formed line in fair shape, though several companies were in wrong positions; but the right wing was badly mixed by the second, third and fourth companies. The band played new uniform and an increase in numbers, the band should certainly have done better than "Annie Rooney" and "Where Did You Get That Hat?" in the "sound off." Lieut. Col. Miller was in command during dress parade; the men were remarkably steady, and the manual of arms good except the order, the majority of the companies bringing their pieces down with a bang. Co. G, however, came to an order very perfectly and as tactics and common sense require.

After the dismissal the drum corps, under Drum Major McKay, played "Tattoo" as only the 12th Corps can execute it. The band redeemed itself by a most excellent concert of eight selections, and a programme of 13 dances closed the evening.

Forty-seventh New York.—Col. E. F. Gaylor.

The regiment paraded at its armory on the evening of Nov. 26 for review by Brig. Gen. Jas. McLeer, and presentation of marksmen's badges, the armory being filled with interested onlookers of the most select class. The review was preceded by a guard mount at 8 o'clock. Capt. Quick was officer of the day, and Lieut. R. H. Smith and L. L. Witte officers of the guard. The details were brought on the line in good shape, and the ceremony was well conducted throughout. Previous to the regimental formation each company was brought to a rear open order, and arms port, and inspected. At 1st sergeants' call each of the latter reported very promptly. Adj. Hubbel for review made the equalization 10 commands of 16 files. Adjutant's call sounded at 5.55. The formation was prompt, and each company came on the line in a very creditable manner. At 9.05 Gen. McLeer, attended by his staff, entered the hall and arriving in position the reviewing officer was given a handsome "present." During the review in the line the steadiness of the men was very noticeable. Col. Gaylor did not accompany the reviewing officer, but remained in front of battalion as prescribed in recent decision on points of tactics. In the passage the companies went part as whole very fair. The salutes of the officers generally were timely, but the awkward handling of the staff, entered the hall painfully manifest. In this connection commanding off-

cers would do well to hold at intervals a school of instruction in the manual of the sword; this while generally neglected is one of those little perfections which count for a great deal on occasions of ceremony. In reforming line the distance in fours was not accurately kept, the result being that at the wheel into line there was a great gap between the 6th and 7th companies, and some dressing that otherwise would have been unnecessary. With only one change of direction, however, the perfect execution of the movement is somewhat difficult. The review being concluded, Chaplain Powell made a brief and appropriate address, after which the 126 marksmen were ordered to the front and given the State badges. Capt. H. H. Quick, Co. E, holds the record for the highest score in the regiment for 1890 (41 points).

The following have qualified for many years, the number of which is given after each name: Capt. A. G. Brown, I. R. P. 14; Lieut.-Col. J. G. Eddy, 14; Capt. W. H. Eddy, Co. I, 13; Capt. F. J. Le Count, Co. K, 13; Lieut. R. H. Smith, Co. K, 13; Capt. J. B. Christoffel, Jr., Co. D, 12; Sergt.-Major E. Walker, E. As the marksmen rejoined the battalion they were applauded. Banging the butts of rifles on the floor, however, to increase the applause, which many of the men remaining in the ranks were guilty of, is to be deplored, and it should be strictly forbidden in the future. Lieut.-Col. Eddy was in command at dress parade, which took place at 9.35. The formation was well done. In the manual the 1st, 2d and 4th companies took the honors, and the entire ceremony was executed in a manner creditable to the regiment. The brasses and clothing of the men, it was noticed, was very clean, pains evidently having been taken to make them so. It has been stated that this was Colonel Gaylor's last appearance as an officer of the regiment, as he had already sent in his resignation. Col. Gaylor, however, informed a JOURNAL representative, that he had not yet signed any resignation paper. General McLeer also said positively that he had not received the resignation of Colonel Gaylor, but thought the latter would resign very shortly. After a concert by the regimental band under Contorno, the remainder of the evening was spent in dancing, the great floor being crowded with people. Many officers of the Guard were among those present, and it was an enjoyable evening. A collation was served for some of the prominent guests and friends of the officers. Co. F and the Corinthian Athletic Club of State Island hold a joint athletic meeting at the armory on Jan. 5, 1891.

SOME COMING EVENTS.

We have received notification of the following:
Nov. 29.—Athletic games, Co. D, 23d N. Y., at armory.
Dec. 5.—Athletic games of 7th Regt., at their armory.
Dec. 10.—Review of 71st N. Y., at armory.
Dec. 14.—Athletic games, 12th N. Y., at armory.
Dec. 20.—Athletic games, Co. E, 9th Regt., N. Y. and Star Athletic Club, at armory.
Jan. 21.—Joint reception Cos. C and D, 12th N. Y., at armory.
Jan. 22.—Annual ball of the Old Guard, N. Y., at Metropolitan Opera House.

(Correspondence of the Army and Navy Journal.)

OHIO NATIONAL GUARD.

The Ohio National Guard ended another official year on Nov. 15. The encampments for the summer of 1890 were for only six days. Notwithstanding this the steady improvement noted in the Guard of late years has gone on. Today it is better than ever before.

Several matters need attention during the coming year in order to increase the improvement. 1st, some regimental examining boards should be looked after. When a man is elected for a commission he is supposed to be examined in this examination. Let the good work go on. 2nd, the Governor's staff consists of one major-general, three brigadiers and 12 colonels. These are usually politicians or their friends. Most of them never had on a uniform until suddenly appointed to a high grade. These fellows sometimes visit the camps and give the boys something to laugh at. To see a man for the first time in uniform, unused to a horse, with his pants half-way to his knees, his socks down to his ankles, his legs hanging like a horse, trying to sit straight and look like a soldier, is enough to make an Army man smile. At the general encampment in 1888, the line was thoroughly disgusted with this political stuff. They ate ice cream and chicken, drank champagne and smoked good cigars—not at their own expense—and thus served (?) the State. When the liquids made them feel brave and their breasts swelled with martial pride, they would mount and cavort around the camp for the amusement of the boys. We had had enough of this. A Governor's staff organized on a military basis is needed. Let the uniform mean something. The present adjutant-general can immortalize himself by having these changes made. This would keep him from dropping into the military oblivion of his predecessors. The day for tomfoolery militia has passed, and the day for military militia has arrived. Ohio is ready for the transformation scene. Let the curtain go down with political stuff, and let the line march on with distant thunder. Never mind the flesh colored tights and wings.

"MUSKET."

PENNSYLVANIA.

The following shows the result of the rifle practice of the 1st Regiment for the season of 1890 (which closed Nov. 15) as compared with that of 1889:

	1889.				1890.				
	Sharp.	Marksmen.	To-Sharp.	Marksmen.	Sharp.	Marksmen.	To-Sharp.	Marksmen.	
Field and Staff.	4	5	9	5	3	10	1	10	24
Company A.	3	34	37	23	35	51	3	51	1
" B.	1	33	34	2	29	37	1	37	18
" C.	4	17	21	9	26	37	1	37	18
" D.	9	21	30	12	24	36	8	36	8
" E.	5	17	22	6	21	27	5	27	5
" F.	13	25	38	17	27	39	1	39	1
" G.	1	25	26	8	29	34	1	34	8
" H.	2	32	34	6	43	48	14	48	14
" I.	1	12	13	4	32	36	22	36	22
" K.	2	23	25	3	27	30	5	30	5
	45	244	289	98	292	360	2104	360	2104

Capt. C. T. Kensil, Co. H, was unanimously elected for a third term on Nov. 19.

Co. F will hold an election on Dec. 8 for a captain. Capt. Geo. Eller, Jr., will no doubt be re-elected.

VARIOUS.

Lieut. A. E. McIntyre, commanding the 24th Sep. Co., of Middletown, N. Y., received from Adj.-Gen. Porter on Nov. 18 the new set of plans and specifications for the armory, prepared by the State Architect, I. G. Perry. The previous plans proved to be too elaborate for the appropriation, consequently the builder would take the contract. It is thought that the later plans will admit of the building being erected for the sum appropriated, \$35,000. It is also the opinion that although the new plans reduce the size of the drill hall by over 20 feet in width, the changes made in the exterior appearance of the building, in order to reduce the cost, has resulted in a vast improvement in the architectural design. In the interior of the building there is but little change except in the size of the drill room, which is reduced to 75x75 feet.

Athletes are reminded that entries for the 12th Regiment games will take place at their armory, 323 street and 9th avenue, N. Y. City, on Tuesday evening, Dec. 18, 1890, since

promptly on Dec. 6 with C. J. Leach, P. O. Box 3201, N. Y. City. The events, which are open to all amateurs, rules of A. A. U., are: 60 yds. dash, 440 yds. run, one mile run, limit of 30 yds.; two mile bicycle, rules of L. A. W. and one mile walk, all handicaps. Half mile novice race, scratch, for those who have never won a prize, and an obstacle race, scratch.

"That presidents of General Courts-martial do not always make themselves as fully acquainted with military law as justice would demand," said an ex-officer of the N. G. S. N. Y., "and that great injustice is liable to result therefrom, I'll give you an example. I was recently engaged as counsel for Capt. R., who was a member of a regiment in N. Y. City, whose administration of its affairs is certainly anything but lovely. The president of the court was a colonel, generally acknowledged to be a very competent officer, but with a disposition resembling a dozen icebergs. My client was duly found guilty by the learned court (although I am still of opinion he ought to have been acquitted) and was sentenced to pay a fine of \$100 and be reprimanded in General Orders. Capt. R.—about four days before the time allotted for the payment of the fine was up, called on the president of the court and offered him the \$100 fine imposed. The president very coldly informed the captain that he would not receive the money, but that he would appoint a marshal to collect it in a couple of days. I naturally felt indignant at this procedure, and I told the captain I would take the money to the president for him and know why he refused to receive good money. I forthwith called on the president with several witnesses. The former received me politely and asked me if he could do me any good. I explained that my client had offered him the amount of his fine and that he refused to take it. I now offer it to you for him, in accordance with Sec. 123, Military Code, which allows that such fine may be paid to the president of the court. The colonel looked paralyzed but took the money and in about 10 minutes gave me a receipt. This ignorance or carelessness on the part of the court, and his desire to appoint a marshal to collect the fine would have cost my client an additional \$30, for, in paying his fine to the marshal, he would also have to pay the latter 25 per cent. additional for collecting it and some other legal fees besides, which, under the circumstances, would have been a great injustice."

Gilmore's famous band gave one of its splendid concerts in Memorial Hall, Zanesville, Ohio, Friday night, Nov. 14. Battery C, 1st Art., O. N. G., were in charge and made a nice thing out of the venture. The band and the battery propose to try it again next year.

The 10th Battalion of Albany, N. Y., Lieut.-Col. W. E. Fitch, underwent its annual inspection and muster in the old Park street rink on Nov. 16. The figures of the present were: Field and staff, 4; N. C. staff, 5; Co. A, Capt. Judson, 76; Co. B, Capt. Stapolio, 53; Co. C, Capt. Hyatt, 54; Co. D, Capt. Dennison, 45—a total of 230. The inspection was a very creditable one to the battalion. It was conducted by Col. McGrath, assisted by Lieut.-Col. Greene, 31 Brigade. Among those present were Adj.-Gen. Porter and Brig.-Gen. A. J. Parker.

The athletic committee of the 1st Infantry of Massachusetts have arranged the following programme of athletic games, which will be held at the New South Armory, Boston, on Dec. 11 or 13: 100 yards dash, 440 yards run, 1 mile run, 1 mile walk, running high jump, standing broad jump, putting 16-pound shot, potato race, bayonet race, and war-of-war. Two prizes (medals) will be given in each event, except tug-of-war, for which a handsome cup is offered, to be the property of the winning team. Entries close with Lieut. W. S. Pepperell, South Armory, Boston, Dec. 6. Entries will be free, open to all members of the regiment; amateurs only to be allowed to compete. A track (9 laps to the mile) has been laid out in the drill hall.

The journal entitled "The Guardsman," published in Chicago, Ill., under the hands of a handsome man, is displaying the national flag in colors. Lieut.-Col. H. L. Turner, 1st Inf., I. N. G., is now the publisher. A very handsome portrait of Adj.-Gen. Samuel Dalton of Massachusetts adorns the front page.

A number of ex-members of Co. F, 23d N. Y. (recently disbanded) together with 16 new men secured by Lieut. Hussey, J. R. P., met at the armory of the regiment on Nov. 25 for preliminary inspection by Col. T. H. McGrath. Roll was called and 45 answered "present" out of 55 who signed the application for being sworn in. Col. McGrath gave them some good advice as to the duties required, and was of opinion that an order would be issued within the next two weeks directing the mustering in of the company. Col. McGrath told those assembled he saw no reason why the present number of men should not be largely increased by the next meeting.

An election for captain of Co. K, 90th N. Y., was held at the armory on Nov. 24. The meeting was a red-hot one, and the contending parties, it is said, nearly came to blows. The candidates were Lieut. Kerr, who was credited with receiving 35 votes, and Lieut. McCrystal, who was credited with 38 votes. Each party used ballots of different colors, so that the politics of each voter was made plain. All manner of discussions and claims were made, and at times the meeting was a perfect bedlam. A number of men, supporters of Lieut. McCrystal, were handed discharges, and, of course, lost their vote. A number of new faces also appeared as supporters of Lieut. Kerr, who claimed they had been properly enlisted by him. There were more votes cast than voters. All manner of "hilling" was used by some of the excited voters, and Lieut. McCrystal, it is said, arose and implored his supporters to keep the peace at all hazards—this in consideration of a reported movement to throw several men out of the window was very timely. The election has been protested as illegal. It is a disgrace that such scenes and devices at elections, and of so constant an occurrence, should be allowed, and it behooves the authorities to remedy it in some manner.

The following shows that the totals of present and absent at the inspection of the 13th and 14th N. Y. Regiments for the years 1889 and 1890. By some error the figures of 1889 published last week were incorrect:

	1889.			1890.		
	Pres.	Ab.	Avg.	Pres.	Ab.	Avg.
13th Regt.	674	65	743	675	64	639
14th Regt.	408	71	509	511	87	598

The hitch in relation to the matter concerning a new armory for the 23d Regiment, N. Y., Colonel Fairbridge, has now been removed. The plans satisfy all parties concerned, and specifications for doing the work will now be advertised for. The regiment will parade at its armory for review by Gov. Bulkeley, of Connecticut, on Dec. 23, 1890.

Co. B, 71st N. Y., will hold an election for 1st lieutenant on Tuesday, Dec. 2. 2d Lieut. Timpon is so manifestly popular and competent for the position that he will be the unanimous choice of the members.

The next competitions for the "Riker Trophy" at the armory range of the 13th N. Y., take place as follows: Dec. 15, Jan. 16, Feb. 14, March 14, April 11 and May 9. The present conditions may be amended somewhat; the matter is now under advisement. Co. H, Capt. Content, give a drill and reception at the armory on Dec. 2. Lieut. G. C. Broome, formerly in the 13th Regiment, will shortly be elected in Co. F. He is a bright young officer, and a son of Colonel J. L. Broome, who served so many years in the U. S. Marine Corps.

The athletic club of the 8th N. Y., Col. George D. Scott, held its first athletic games, since being in possession of its grand new armory, on Nov. 25. A large number of spectators were present. The entries were numerous, the contests exciting and the games well managed. The track was roomy and 12 circuits to the mile, and is almost an exact counterpart in shape to that of the 12th Regiment, and should be equally popular with the athletes.

The grand military fair of the 21st Separate Co. (Tibbitts Cadets), of Troy, N. Y., will take place at the State Armory during the week beginning Dec. 1. There will be a concert each evening, exhibition drill, athletic entertainments, etc. The decorations of the armory will be tasteful and appro-

private. Capt. James H. Lloyd will command the detachment of the company that will give fancy exhibition drills. Local military companies attend in the evening.

The 1st Battalion of the N. Y. Naval Reserve, which hopes to be mustered into the State service in the near future, held its first drill of the season at the 8th Regiment armory Nov. 21. Some 150 men, divided into four companies, paraded for drill.

In a Sunday paper of last week appeared what was intended for a joke with a moral, the colonel and adjutant of the 12th N. Y. Regt. being the targets for the fun. Carefully read, however, the intended joke falls rather flat. In the first place, after the battalion is formed for dress parade and the adjutant reports to the commanding officer, "Sir, the parade is formed," he is not talking to the audience or the battalion, but simply reporting to his superior, and it only concerns the latter. The effect of the adjutant bawling out to the colonel, "The parade is formed," and the colonel to reply equally loud to the adjutant, "Take your post, sir," can well be imagined by military men; the writer of the intended joke evidently failed to realize the situation. When the colonel or other officers are giving orders to the troops a loud and distinct command is necessary. But in the case cited etiquette and common sense make it unnecessary for the two officers to bawl at each other in order that their words may be audible and intelligible to the onlookers.

Gov. Russell, of Mass., has honored himself and done the best thing possible for the militia interests of the old Bay State in reappointing Gen. Samuel Dalton to the position of Adjutant General.

Brig. Gen. Chas. F. Robbins, general inspector of rifle practice, S. N. Y., will review the 71st Regt. on Dec. 10, on which occasion the marksmen's badges, the long service medals and the ambulance corps badges will be distributed.

A scheme to organize a "cadet corps" in the 14th N. Y. is under way. A site has been selected on 8th ave., from 14th to 15th sts., consisting of 49 lots, the cost for which will be \$73,400. Col. Mitchell did not like the site, and at a meeting of the Armory Commission on Nov. 26 he handed in a protest against it signed by the field and staff of the regiment. This, however, had no effect on the commission.

ANSWERS TO CORRESPONDENTS.

J. J.—All the war service you can count double is from April 1 to May 1, 1863.

National Guardsman.—Read carefully General Orders & A. G. O., of Jan. 6, 1890, published in ARMY AND NAVY JOURNAL of Jan. 11, 1890, page 883.

F. O.—The A. G. O. is expediting the preparation of summary court record books and blanks for monthly reports of trials, and their receipt at each garrisoned post may soon be expected.

Pater.—The Recruiting Circular from A. G. O. of Sept. 25, 1890, says: "As a rule married men are not desired for this duty, and only in specially meritorious cases need their applications be forwarded."

L. P. G.—It would be difficult to secure a transfer from the line to the Signal Corps. You might write, however, to the Chief Signal Officer at Washington for pamphlet giving full information as to requirements, etc.

Willets Point.—The widow, and family, if under sixteen, would be entitled to pension if it could be clearly proved that the death of the soldier was due to disability incurred, or disease contracted, in the line of duty, during his service in or since the war.

W. E.—We have not the words of the music you refer to. Write to Prof. John Philip Sousa, Bandmaster, U. S. Marine Corps, Washington, D. C., and you may obtain some useful information on the subject of the various Army and Navy trumpet calls, etc.

Interested asks: 1. Can a man in his second enlistment get his discharge after three years' faithful service? **Ans.**—Yes.

2. Do you think the bill increasing the pay of the hospital steward will become a law? **Ans.**—It may next session of Congress, but it is doubtful.

A. W. M. asks: "Can you tell me how many (approximately) shrapnels are used in this country each

year?" **Ans.**—As the shrapnels on hand are of the old-fashioned variety for muzzle-loading smooth-bore guns, practically none are at present used. The Ordnance Department of the Army is now considering designs for a new shrapnel suitable for use in the modern guns.

W. J. T. asks: "Should drinking, gambling or prize-fighting be allowed in armories under any circumstances?" **Ans.**—Decidedly not, and such offenders ought to be severely punished by law. The offenses above cited, however, are rare in any well-governed State. But there have been instances, unfortunately, where the offenders have not been dealt with as they should have been.

C. asks: "Where can I obtain copies of the English, German and French Infantry drill regulations in present use? If the latter two are not published in English, please tell me where the originals can be found and greatly oblige." **Ans.**—Messrs. E. Steiger and Co., 25 Park Place, will order them for you at the prices named, delivering them in about four or five weeks: Jones and Gordon, Company and Battalion Drill, London, 1885, \$1.60; Das Exerzier-Reglement für die Infanterie, Berlin, 1889, paper cover, \$0.60; Das Exerzier-Reglement der Infanterie, Berlin, 1889, paper cover, \$1.50; Keyne's Guide de l'instruction à l'usage des officiers, sous-officiers et caporaux d'infanterie, 1889, paper cover, \$0.30. There are no translations of the last three works.

J. E., D. L. C., and others.—In our issue of Nov. 3 we said under the head of "Answers": "The amount due for commutation of rations for the period of furlough should be entered upon the final statement, which are to be sent the man by registered mail, under post & G. O. 30, A. G. O. 1850." This, in the absence of a definite decision, we thought, and still think, to be the best method. The final statements furnished the soldier at discharge should, we think, embrace everything necessary to a complete settlement at that date. We have learned since, however, that the present plan is for the soldier discharged away from his post under G. O. 30, to make his claim for commutation of rations, accompanied by the furlough paper, to the commissary-General of Subsistence. It is likely an official decision on the point in question may soon appear. In the meantime we adhere to our original answer to "J. E." as being the

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best plan, leaving it to the Pay Department to settle with the Subsistence Department for what the former has expended on account of the latter, as is done in other cases.

ORDNANCE NOTES.

We have been persuaded, from the first mention of the Giffard application of carbonic-acid gas for the projection of bullets in small arms, that its perfect development would show it to be little, if anything, more than an ingenious toy. That we were correct is indicated by the subjoined announcement, translated from *L'Avenir Militaire*, Paris, Nov. 14, of *La Société Stephanoise d'Armes*, which has control of the patent in France. "*La Société Stephanoise d'Armes* for the present will produce only target and saloon carbines and pistols of all kinds; but it will not undertake the manufacture of military small-arms of that system, there being as yet no reason to suppose that it can attain the ultimate result required, the pressure of gas being inadequate for rifles at 600 metres initial velocity. Mr. Giffard is still experimenting to realize this result and it is hoped he may succeed, but in fact the problem of securing the standard ballistic qualities for a military weapon is not yet solved."

We have received the report of the Board on the Competitive Trial of Armor Plates at Annapolis, Sept. 18, 1890. We gave at the time a full report of the effect of the shot upon the face of the plates. The backing was examined by the Board Oct. 10, and they report the following injuries to the back and backing:

Steel Plate.—Shot I. Bulge 3.5 in. high, 16 in. dia.; indentation 2.75 in. II. Bulge 3 in. high, 15 in. dia.; indentation 2.40 in. III. Bulge 2.6 in. high, 16 in. dia., with a piece broken out; indentation 2 in., two pieces imbedded in backing. IV. Bulge 2.6 in. high, 15 in. dia.; indentation 2.40 in. V. Bulge 6.25 in. high, 22 in. dia., with two pieces broken out; indentation 5.25 in., and one piece imbedded in the hole. Diagonal cracks from front of plate all through the back.

Nickel Steel Plate.—Shot I. Bulge 5 in. high, 21 in. dia.; indentation 5.25 in. II. Bulge 6 in. high, 21 in. dia.; indentation 4.75 in. III. Bulge 4 in. high, 19 in. dia. IV. Bulge 4 in. high, 18 in. dia.; indentation 3.50 in. V. Crater in back of plate was formed of an average depth of 3.5 in. and 21 in. dia.; a hole 10 1/2 in. deep in the wood and 6 in. deep to a fragment of metal left in the backing from a crater in the plate.

Compound Plate.—Shot I. Bulge 6.4 in. high, 20.5 in. dia.; base of projectile 11 in. in from face of backing. II. Bulge 6.25 in. high, 18 in. dia.; base of projectile 4.75 in. in from face of backing. III.

Bulge 6 in. high, 20 in. dia.; back of projectile 13.1 in. from face of backing. IV. Bulge 7.25 in. high, 19 in. dia.; a large piece of plate broken out; shot through hole; piece of plate imbedded in side of hole. V. Bulge 7.5 in. high, 21 in. dia.; a piece of plate broken out; shot through hole; piece of plate imbedded in side of hole.

No bolts in any of the plates were injured. The Board conclude with this summary.

Summary.—The compound plate was perforated by all projectiles, and its steel face was destroyed. Two of the shells passed completely through both plate and backing.

Both steel plates kept out all projectiles, the all-steel plate showing slightly greater resistance than the nickel steel plate, but the former was badly cracked by the 8-inch shell, while the latter remained uncracked. The Board therefore places the three plates tested in the following order of "relative merit":

1. Nickel steel. 2. All steel. 3. Compound.

A Washington despatch says: "English capitalists have been conferring with officials of the Government for the past few days on the subject of establishing an extensive plant for the manufacture of heavy ordnance. They have talked with Senator Hawley, Senator Gorman, Robert Porter, and others, and say they have the capital ready to be applied at once if the Government can give them any assurance that they will be intrusted with large orders. They propose to locate somewhere in Alabama."

Prof. Scheiller, an Austrian, has invented a machine for producing artificial smoke on a battle field, to counteract the introduction of smokeless powder. A military orific in the *Journal des Débats* says: "The much-abused smoke had the advantage of concealing from the combatant the carnage going on all about him; it isolated him, and shrouded from his sight the wounded and the dead. A man fancies he is sheltered when he finds himself surrounded by a thick cloud; this is part and parcel of the same instinctive feeling which leads one to duck one's head at the whiz of a bullet, and impels the novice who forms the bulk of our infantry to blaze away his ammunition to ease his nerves and acquire a kind of intoxication from the noise and the smell of the powder."

A London *Times* despatch says: The Lebel rifle has been thoroughly tested during the recent French manoeuvres. The projectile of the rifle with which the entire French Army is now provided carries to a maximum distance of 4,000 metres. The velocity of the bullet varies, on its exit from the muzzle, from 600 to 610 metres. At the respective dis-

tances of 200, 400, 600, 800, 1,000, 1,200, 1,400 and 2,000 metres, the force of this projectile is equivalent to 217, 135, 92, 73, 61, 52, 45 and 29 kilogrammes.

Mr. C. A. Lieb has recently designed a remarkable anti-friction nut, intended for use in electrical hoists and lifts. The thread on the nut is composed of a large number of hardened steel balls. These run partly in a spiral groove cut in the nut, and partly in one out on the screw. As the nut is turned round these balls descend or ascend the spiral groove in the nut. On reaching the end of the spiral groove in this, the balls return to the other end of the nut by a separate passage parallel to the axis of the nut.

The Engineer has reached the conclusion that an important ring is being formed for the control of nickel, and that some of the leading English steel makers have enterprise and energy enough to keep abreast of the times and adopt the new compound.

The London *Times* is making a savage attack upon the new rifle adopted for the British Army.

FOREIGN ITEMS.

It has been proposed in Europe to make the upper half of war balloons of very thin steel and the lower portion of ordinary balloon material, the whole so constructed as to hold hydrogen instead of ordinary gas.

FIELD MARSHAL VON MOLTKE has suffered a good deal from the excitement consequent upon the honors showered upon him on the 90th anniversary of his birthday, but having returned to his beloved Crivitz and quiet everyday life, is improving rapidly.

A LONDON correspondent writes: Despite the fact that it is almost high treason to mention it, the subject of the German Emperor's health is causing considerable and increasing anxiety in court circles in Berlin. There is much reason to fear that the ear malady, from which the Emperor has suffered for many years, is now threatening to become a serious matter.

The London *Truth* says: "The French Government has received an intimation from the Emperor of Russia that it would please him to see a French squadron at Cronstadt next summer, and the hint has been eagerly taken, for it is now arranged that a large fleet is to go to the Baltic, which will stay for at least a week at Cronstadt, by way of

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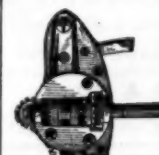
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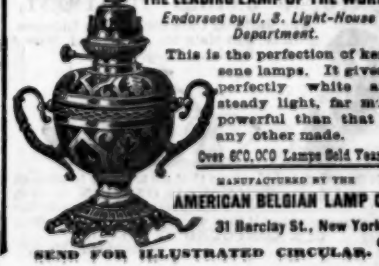
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PATENTS FOR MILITARY INVENTIONS.

A SELECTED list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL by U. A. SNOW and Co., Patent Attorneys, opposite Patent Office, Washington, D. C., all bearing date of Nov. 25:

Boat or canoe chair, T. H. Chubb, Post Mills, Vt.
Cartridge loading machine, E. A. Franklin, Brenham, Texas.
Breech-loading gun, M. Byr, Worcester, Mass.
Machine gun, J. M. and M. S. Browning, Orden, Utah.
Spring gun, C. W. Seebach, New York, N. Y.
Apparatus with feathering blades for obtaining motive power, H. Aet, Turin, Italy.
Combined rifle and shotgun, C. C. Brooks, Hallowell, Me.
Ship, A. J. Purdy, Washington, D. C.
Self-registering ship's log, J. O'Neill, New York, N. Y.
Navigable vessel for steam propulsion, T. L. Sturtevant, Framingham, Mass.
Apparatus for and method of registering and indicating the course and position of marine vessels, J. O'Neill, New York, N. Y.

EXCURSION TICKETS TO HOT SPRINGS, ARK.

The Baltimore and Ohio Railroad Company has placed on sale at all of its principal stations round trip tickets to Hot Springs, Ark., at greatly reduced rates. The going limit on these tickets is thirty days and the returning limit three months, thus affording an opportunity to spend the winter in the genial climate of the Southwest. The route is via Cincinnati and St. Louis, with only one change of

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BIRTHS.

CARLETON.—At Fort Lowell, Ariz., Nov. 15, 1890, to Lieut. and Mrs. Guy Carleton, 2d U. S. Cav., a daughter, NELLIE.

DYER.—At Fort Davis, Texas, Nov. 21, 1890, to the wife of Lieut. S. Allen Dyer, 23d Infantry, a son.

MARRIED.

COONTE—COHEN.—At Sitka, Alaska, Oct. 31, Ensign R. E. COONTE, U. S. N., to Miss AUGUSTA COHEN.

GERHARDT—WATKINS.—At Richmond, Va., November 10, Lieutenant CHARLES GERHARDT, 20th U. S. Infantry, to Miss KATE WATKINS.

SPICER—ASSERSON.—November 20, at the residence of her father, Civil Engineer P. C. Asserson, U. S. N., Navy-yard, Brooklyn, N. Y., by the Rev. Charles Cumber Hall, AVE GERTRUDE ASSERSON to 1st Lieut. W. F. SPICER, U. S. M. C.

READS—THOM.—At Washington, D. C., Nov. 25, Captain HARRY READS to Miss EMILIE THOM.

TERRELL—DELANEY.—At Juneau, Alaska, October 29, Ensign D. F. TERRELL, U. S. N., to Miss K. B. DELANEY.

DIED.

ELDER.—At Cincinnati, Ohio, Nov. 16, after a lingering illness, ELIZABETH GARLAND, widow of Major Samuel S. Elder, 2d U. S. Artillery.

KENNON.—Suddenly, at Brooklyn, N. Y., Nov. 21, Colonel BEVERLY KENNON, formerly Lieutenant U. S. Navy, and son of Capt. Beverly Kennon, U. S. Navy.

TERRY.—At New Haven, Conn., Nov. 16, at the residence of her brother, Major General A. H. Terry, U. S. A., ELIZA HOWE TERRY, daughter of the late Alfred Terry.



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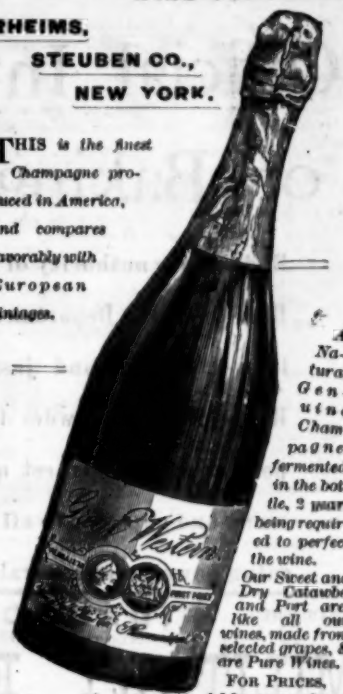
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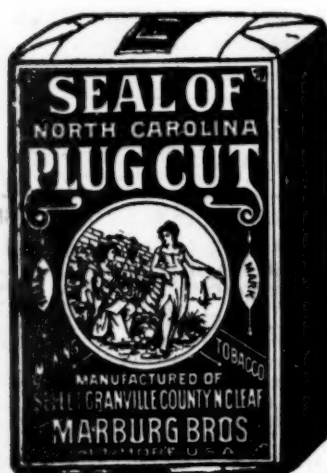
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